

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018372.D
 Acq On : 18 Mar 2021 16:49
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 18 17:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 17:06:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	623136	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	580448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	296131	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	413410	57.01	ug/L	0.00
7) Chloroethane-d5	2.892	69	354838	59.70	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	728650	46.35	ug/L	0.00
20) 2-Butanone-d5	7.074	46	200922	117.55	ug/L	0.00
24) Chloroform-d	7.647	84	773677	45.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	449598	47.46	ug/L	0.00
29) Benzene-d6	8.275	84	1479642	47.33	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	428269	48.94	ug/L	0.00
37) Toluene-d8	10.323	98	1429431	47.44	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	232469	52.60	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	179022	117.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	395291	51.94	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	504042	45.86	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	355106	42.86	ug/L	99
3) Chloromethane	2.215	50	448339	69.76	ug/L	99
5) Vinyl chloride	2.367	62	592389	62.63	ug/L	97
6) Bromomethane	2.782	94	428204	61.03	ug/L	99
8) Chloroethane	2.928	64	360966	65.16	ug/L	99
9) Trichlorofluoromethane	3.263	101	320739	45.28	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	385677	44.17	ug/L	98
12) 1,1-Dichloroethene	4.044	96	395193	48.23	ug/L	97
13) Acetone	4.117	43	132891	101.31	ug/L	99
14) Carbon disulfide	4.385	76	1214164	50.72	ug/L	100
15) Methyl Acetate	4.666	43	169206	58.51	ug/L	97
16) Methylene chloride	4.916	84	415540	43.03	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	588468	59.20	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	439615	50.36	ug/L	97
19) 1,1-Dichloroethane	6.214	63	743994	51.55	ug/L	99
21) 2-Butanone	7.165	43	221979	119.34	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	463733	50.62	ug/L	98
23) Bromochloromethane	7.519	128	205779	50.17	ug/L	93
25) Chloroform	7.677	83	789847	48.53	ug/L	99
27) 1,2-Dichloroethane	8.403	62	562962	50.91	ug/L	100
30) Cyclohexane	7.958	56	680854	53.31	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	655584	46.57	ug/L	98
32) Carbon tetrachloride	8.067	117	620563	45.83	ug/L	99
34) Benzene	8.323	78	1692047	50.09	ug/L	100
35) Trichloroethene	9.092	95	463097	47.50	ug/L	98
36) Methylcyclohexane	9.335	83	819293	51.45	ug/L	99
40) 1,2-Dichloropropane	9.366	63	407107	51.52	ug/L	98
41) Bromodichloromethane	9.646	83	597225	49.27	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	722546	54.34	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	518256	121.44	ug/L	99
44) Toluene	10.390	91	1943048	51.48	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	656694	54.67	ug/L	99

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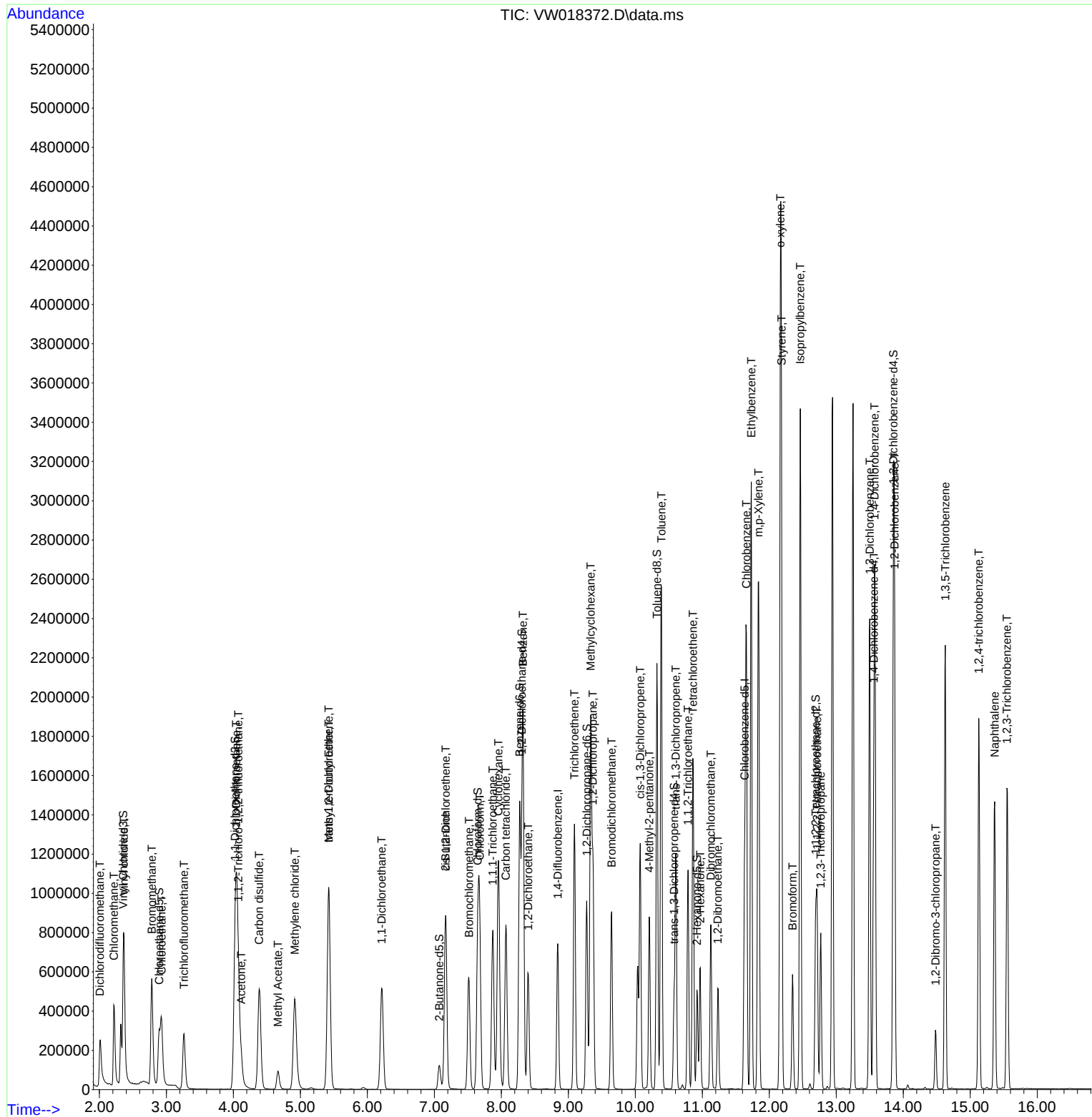
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	337224	51.78	ug/L	98
47) Tetrachloroethene	10.860	164	353903	48.34	ug/L	95
49) 2-Hexanone	10.969	43	370900	125.16	ug/L	98
50) Dibromochloromethane	11.128	129	416687	52.87	ug/L	88
51) 1,2-Dibromoethane	11.232	107	342266	53.28	ug/L	95
52) Chlorobenzene	11.658	112	1234006	50.46	ug/L	96
53) Ethylbenzene	11.731	91	2196958	50.91	ug/L	98
54) m,p-Xylene	11.841	106	845697	51.41	ug/L	97
55) o-xylene	12.164	106	805412	52.11	ug/L	97
56) Styrene	12.183	104	1410638	53.27	ug/L	97
57) Isopropylbenzene	12.463	105	2253012	52.05	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	416353	54.64	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	317757	55.05	ug/L	100
62) Bromoform	12.347	173	250519	56.56	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	975816	49.93	ug/L	98
64) 1,4-Dichlorobenzene	13.573	146	935979	47.98	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	830485	46.71	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	78641	54.65	ug/L	91
67) 1,3,5-Trichlorobenzene	14.627	180	674932	47.38	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	546105	46.26	ug/L	90
69) Naphthalene	15.365	128	1249251	52.65	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	499550	48.10	ug/L	98

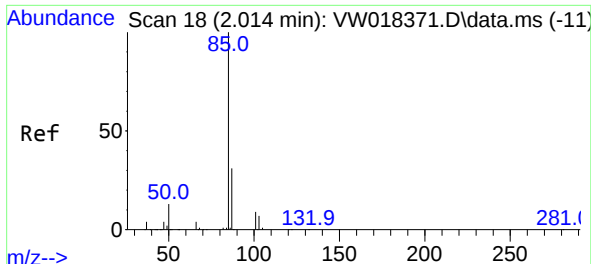
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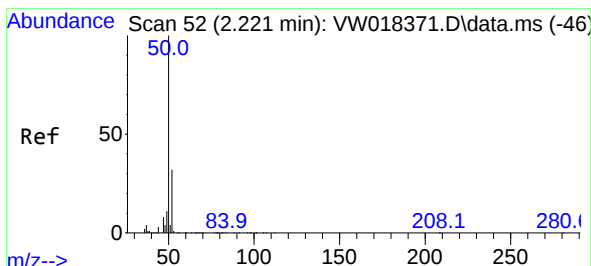
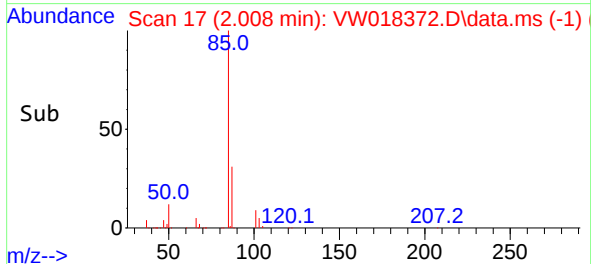
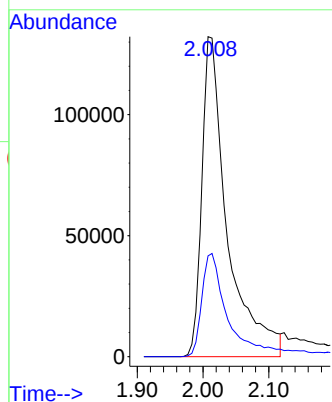
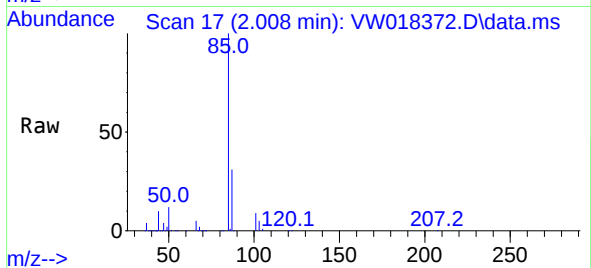




#2
Dichlorodifluoromethane
Concen: 42.86 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

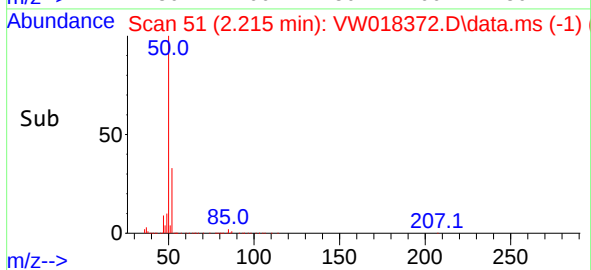
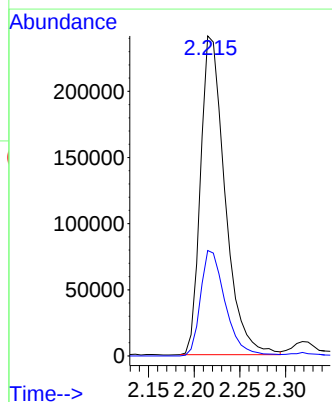
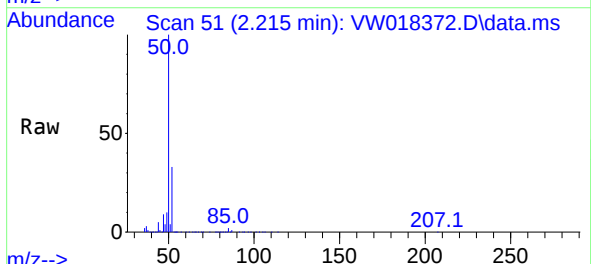
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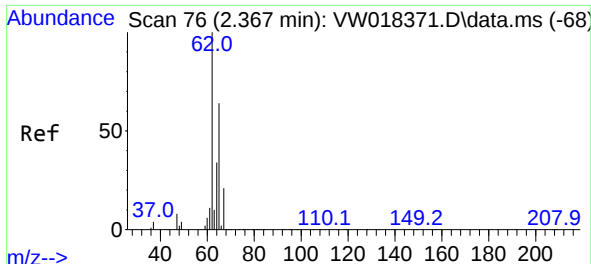
Tgt Ion: 85 Resp: 355106
Ion Ratio Lower Upper
85 100
87 31.1 22.2 41.2



#3
Chloromethane
Concen: 69.76 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 50 Resp: 448339
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

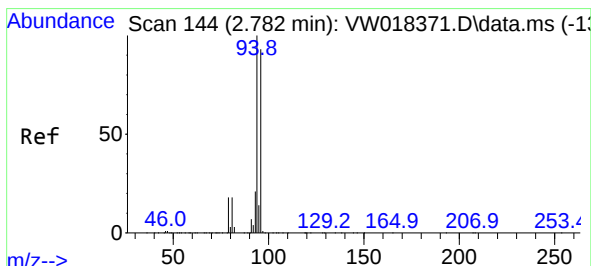
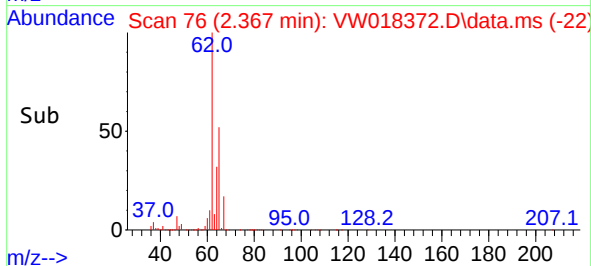
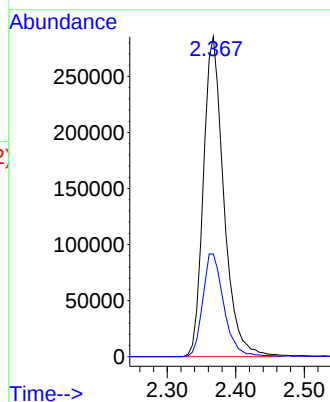
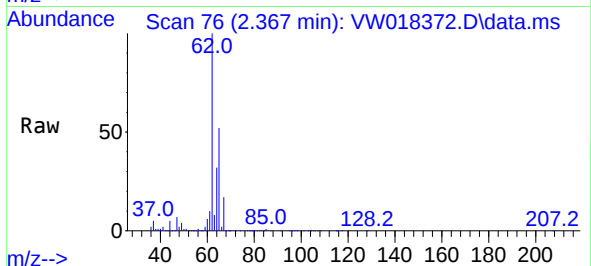




#5
 Vinyl chloride
 Concen: 62.63 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018372.D
 Acq: 18 Mar 2021 16:49

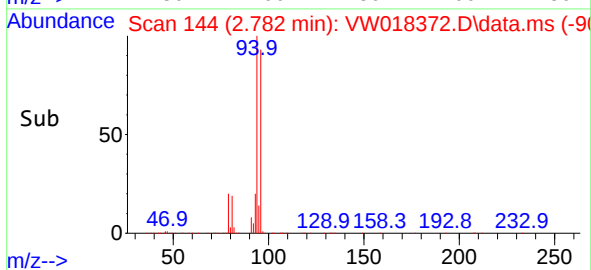
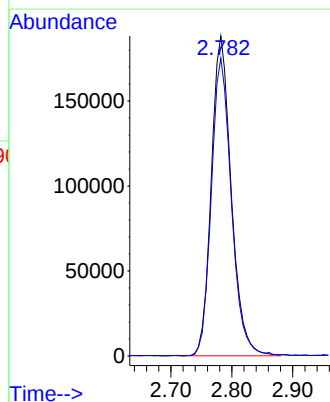
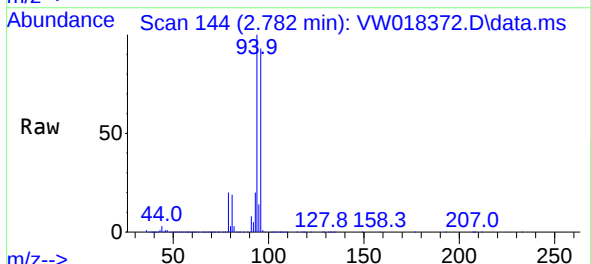
Instrument :
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 ClientSampled :

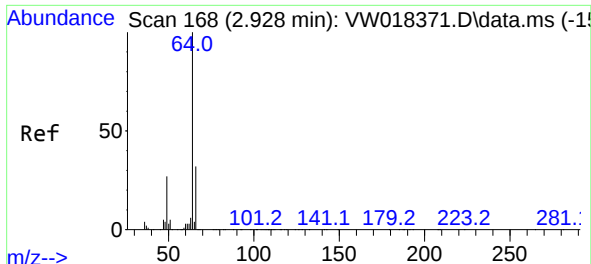
Tgt Ion: 62 Resp: 592389
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.5 43.7



#6
 Bromomethane
 Concen: 61.03 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018372.D
 Acq: 18 Mar 2021 16:49

Tgt Ion: 94 Resp: 428204
 Ion Ratio Lower Upper
 94 100
 96 93.2 9.4 179.4

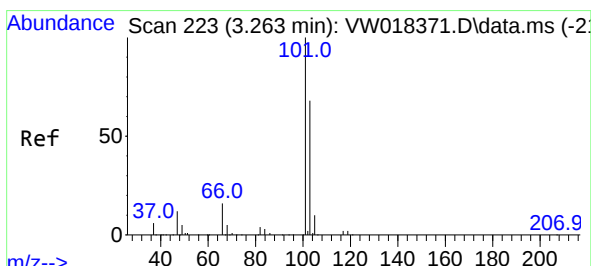
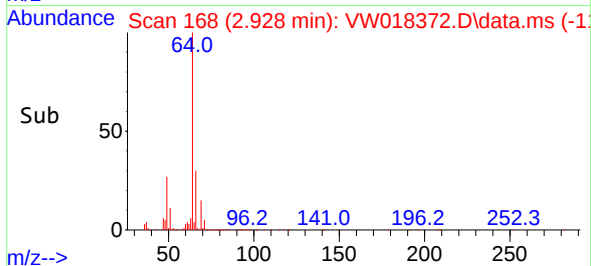
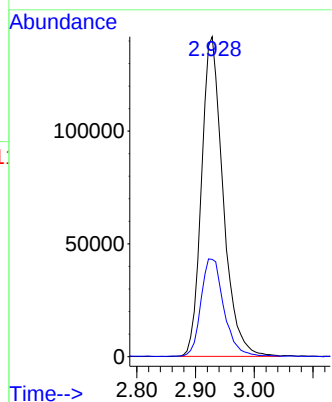
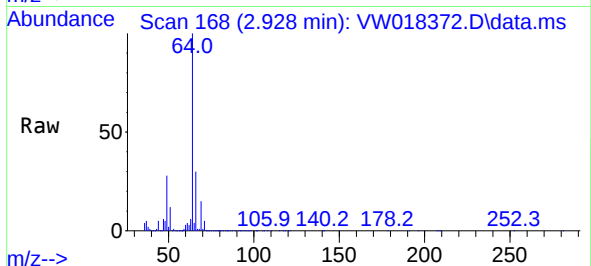




#8
Chloroethane
Concen: 65.16 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

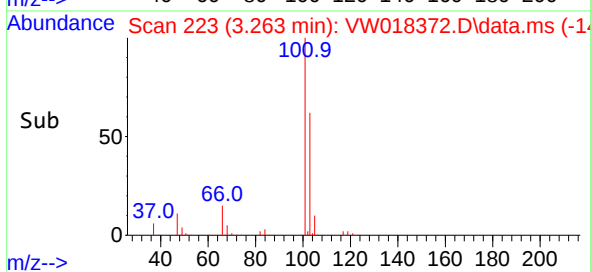
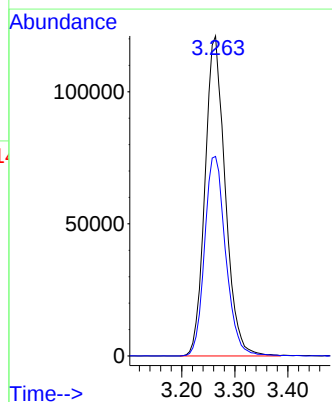
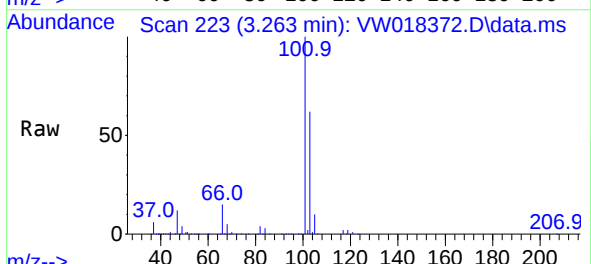
Instrument :
MSVOA_W
ClientSampled :

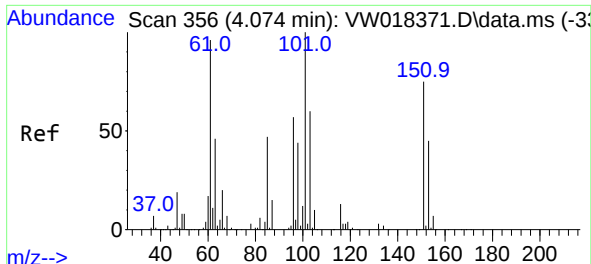
Tgt Ion: 64 Resp: 360966
Ion Ratio Lower Upper
64 100
66 30.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 45.28 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 101 Resp: 320739
Ion Ratio Lower Upper
101 100
103 64.8 45.6 84.8

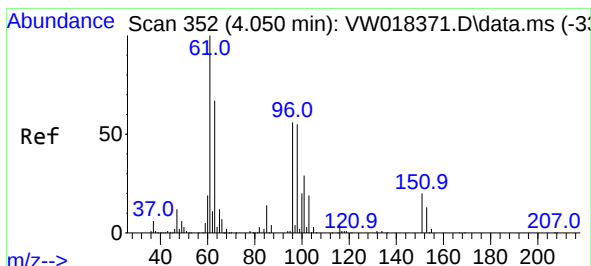
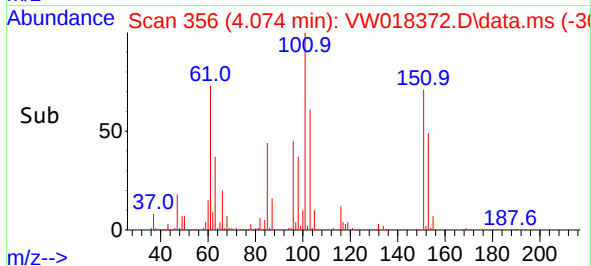
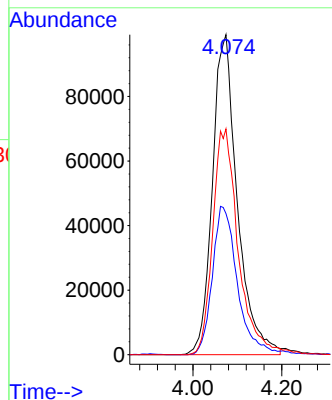
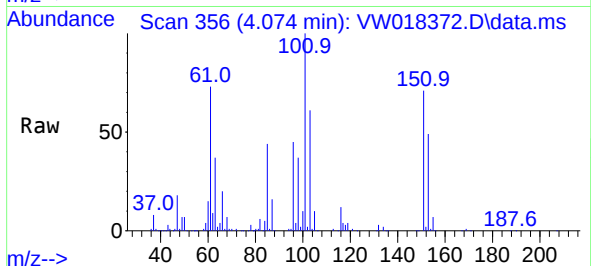




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.17 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

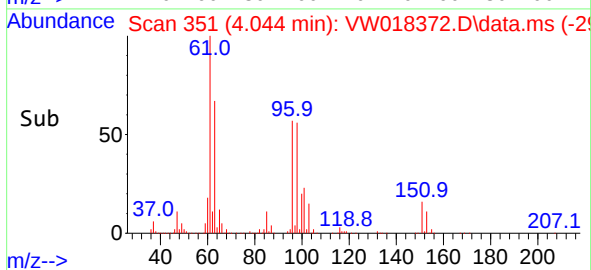
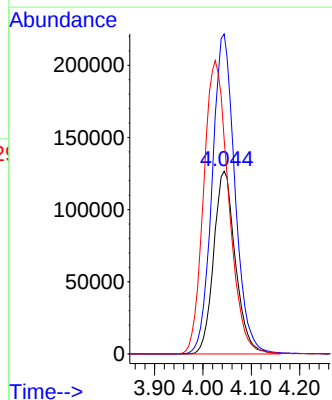
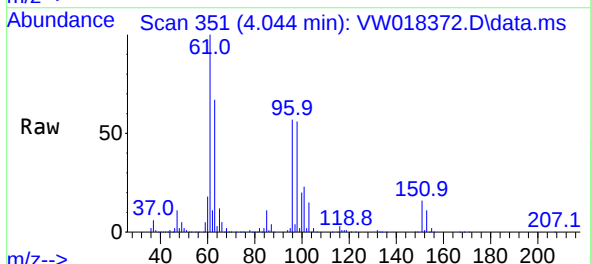
Instrument :
MSVOA_W
ClientSampled :

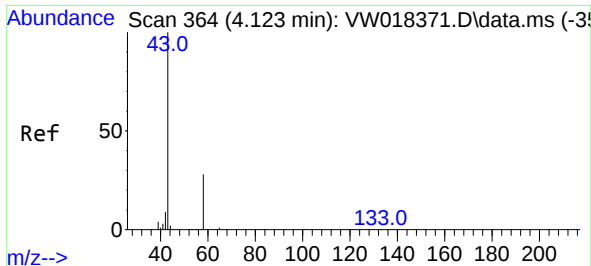
Tgt Ion:101 Resp: 385677
Ion Ratio Lower Upper
101 100
85 46.3 35.6 53.4
151 71.3 58.1 87.1



#12
1,1-Dichloroethene
Concen: 48.23 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 96 Resp: 395193
Ion Ratio Lower Upper
96 100
61 175.2 118.6 220.2
63 117.1 82.4 153.0

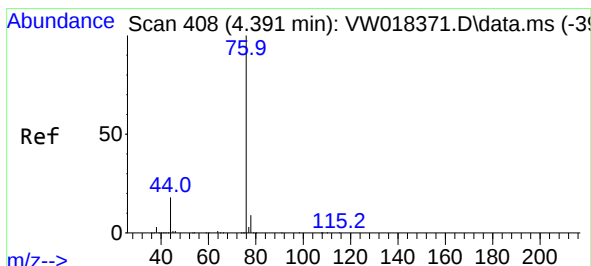
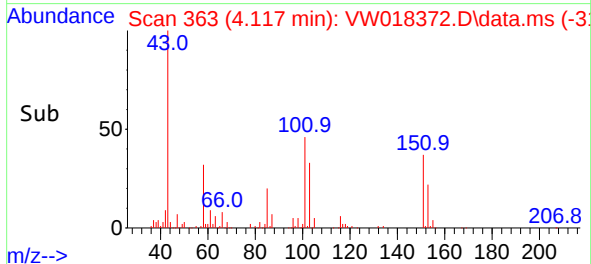
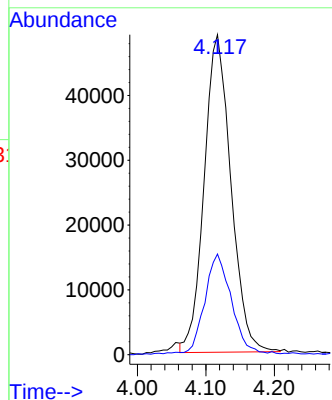
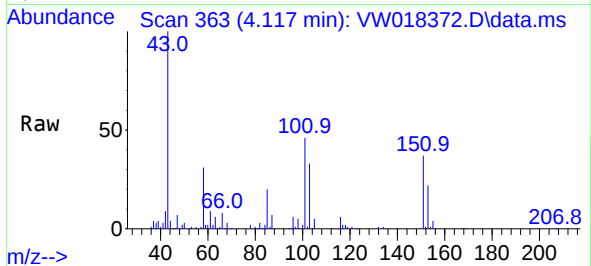




#13
Acetone
Concen: 101.31 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

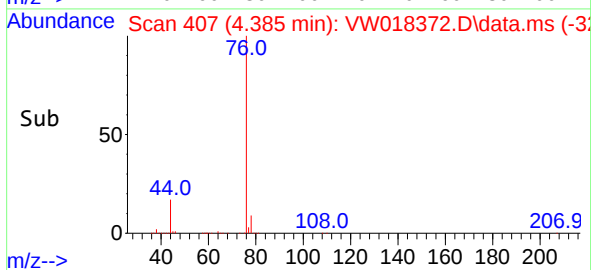
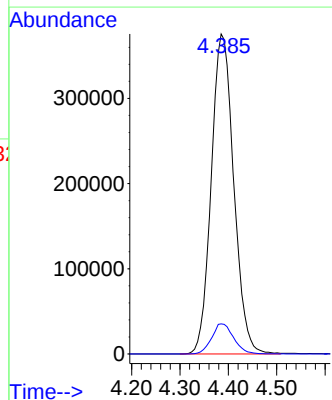
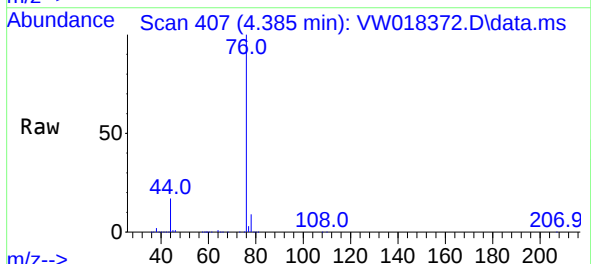
Instrument :
MSVOA_W
ClientSampled :

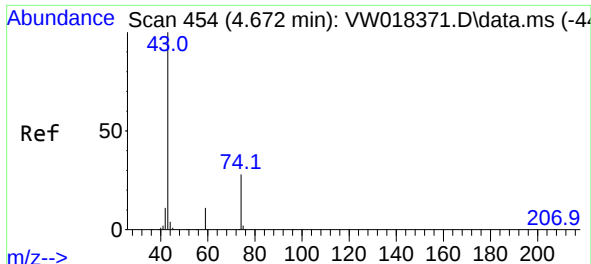
Tgt Ion: 43 Resp: 132891
Ion Ratio Lower Upper
43 100
58 31.6 0.0 62.2



#14
Carbon disulfide
Concen: 50.72 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 76 Resp: 1214164
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

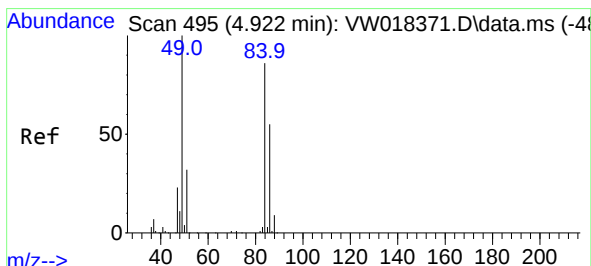
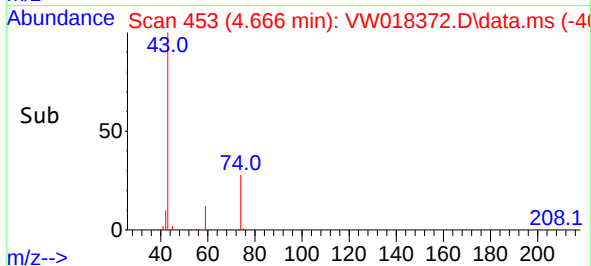
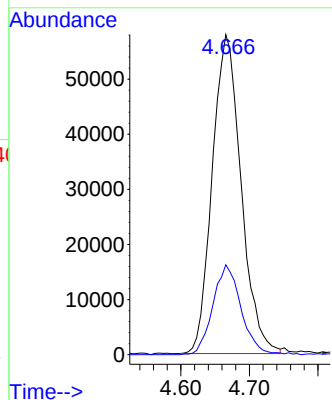
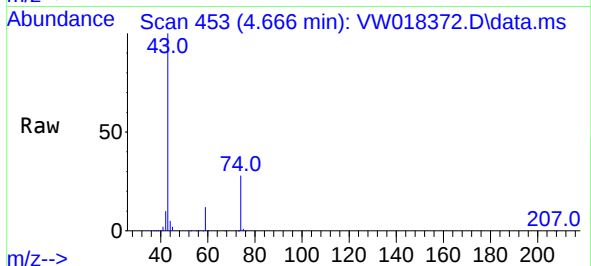




#15
Methyl Acetate
Concen: 58.51 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

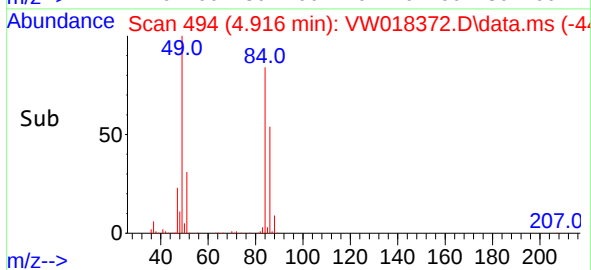
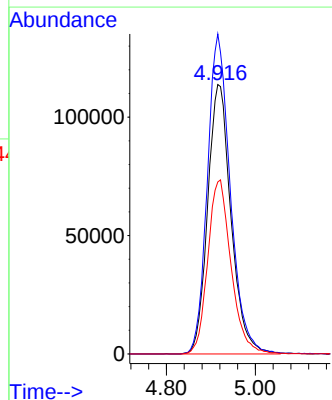
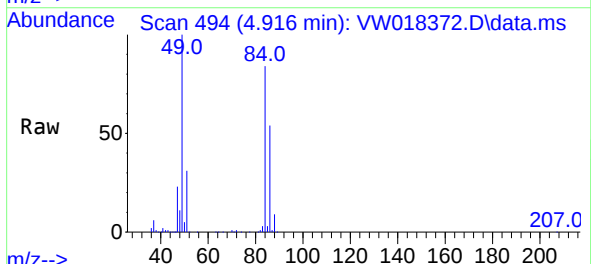
Instrument :
MSVOA_W
ClientSampled :

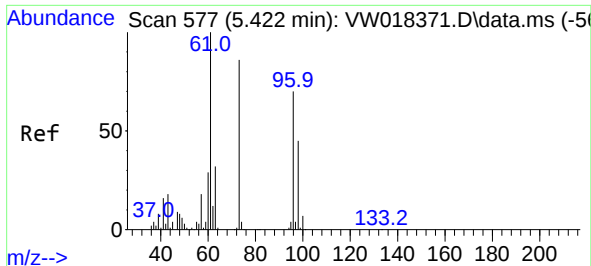
Tgt Ion: 43 Resp: 169206
Ion Ratio Lower Upper
43 100
74 27.2 22.9 34.3



#16
Methylene chloride
Concen: 43.03 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 84 Resp: 415540
Ion Ratio Lower Upper
84 100
49 118.8 74.4 138.2
86 63.8 46.1 85.7

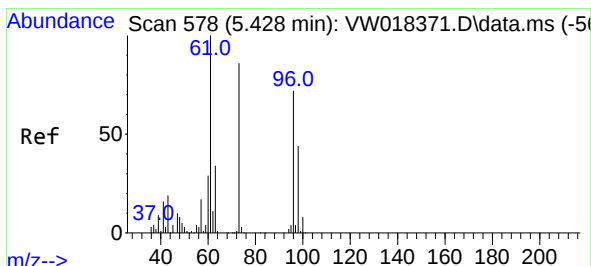
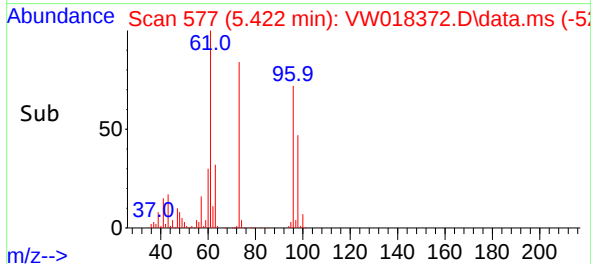
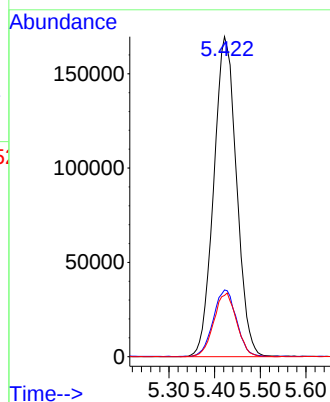
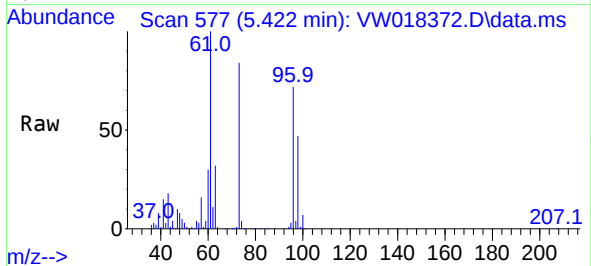




#17
Methyl tert-butyl Ether
Concen: 59.20 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

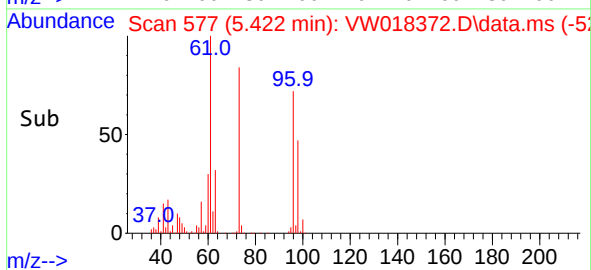
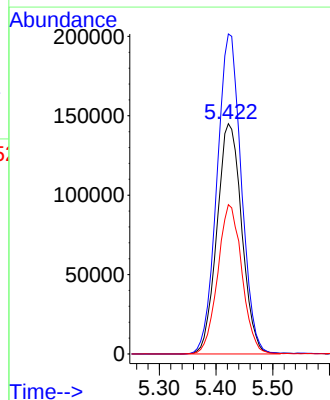
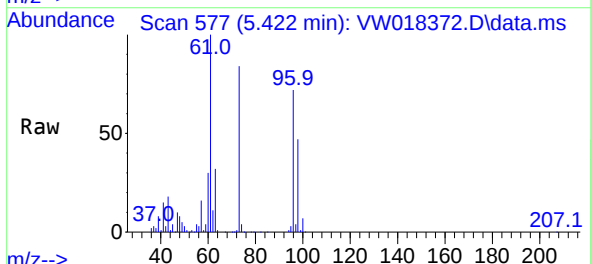
Instrument :
MSVOA_W
ClientSampled :

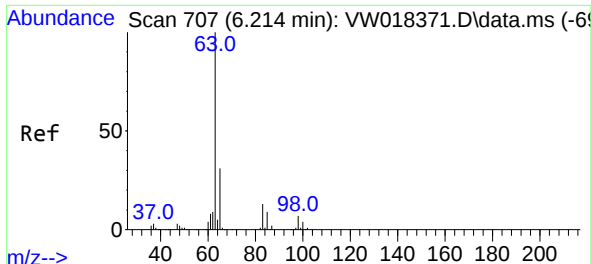
Tgt Ion: 73 Resp: 588468
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 19.9 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 50.36 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 96 Resp: 439615
Ion Ratio Lower Upper
96 100
61 139.0 93.3 173.3
98 64.8 45.2 84.0

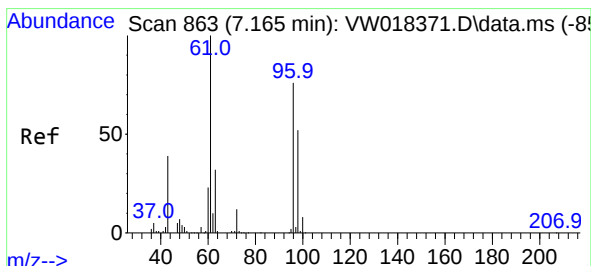
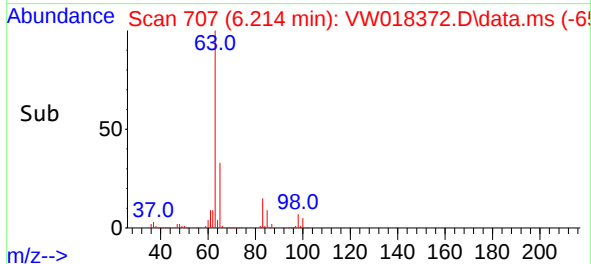
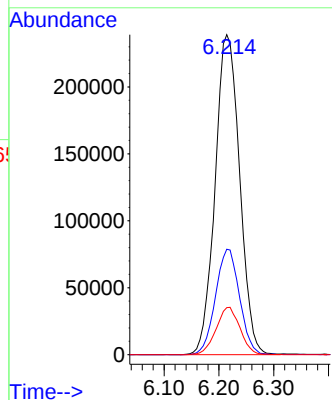
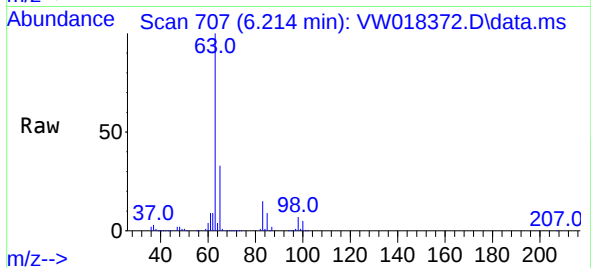




#19
1,1-Dichloroethane
Concen: 51.55 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

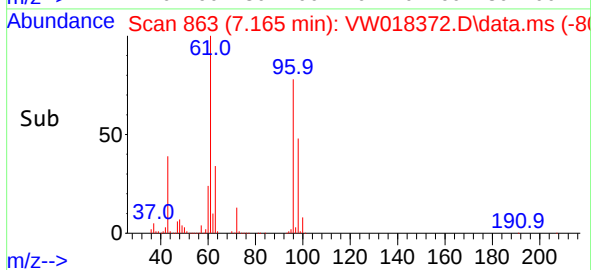
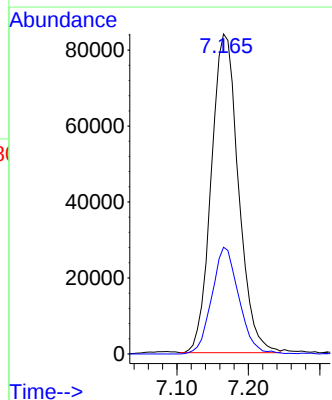
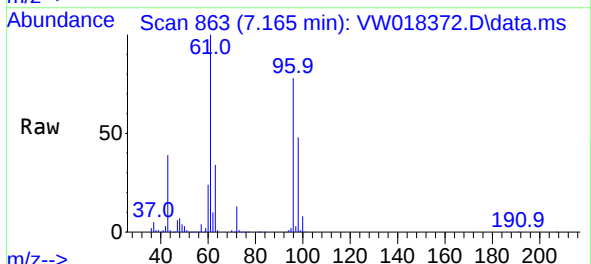
Instrument :
MSVOA_W
ClientSampled :

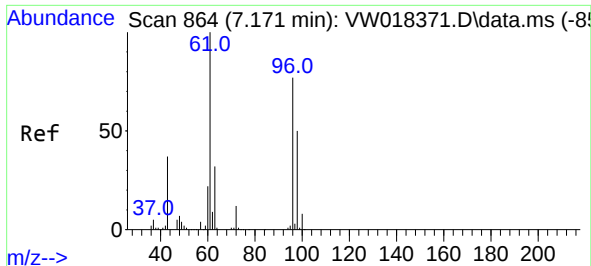
Tgt Ion: 63 Resp: 743994
Ion Ratio Lower Upper
63 100
65 33.0 23.5 43.7
83 14.7 10.3 19.1



#21
2-Butanone
Concen: 119.34 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 43 Resp: 221979
Ion Ratio Lower Upper
43 100
72 33.0 16.5 49.5



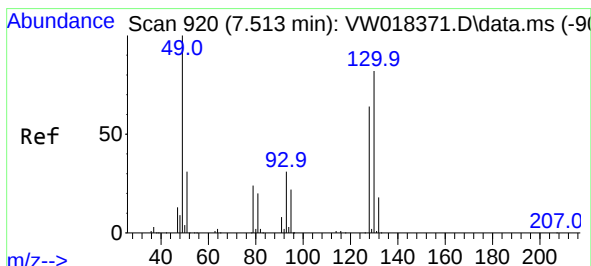
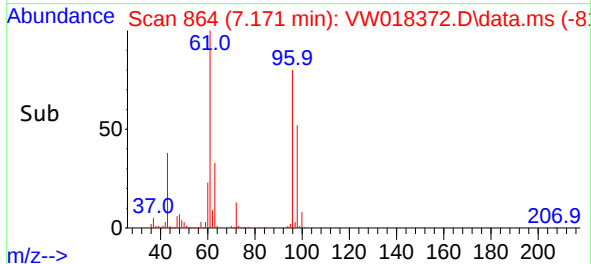
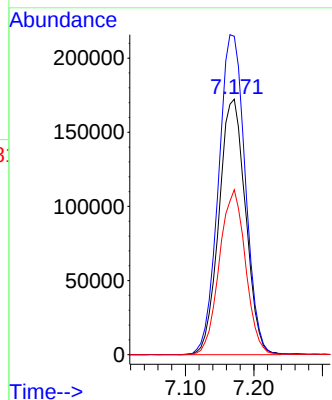
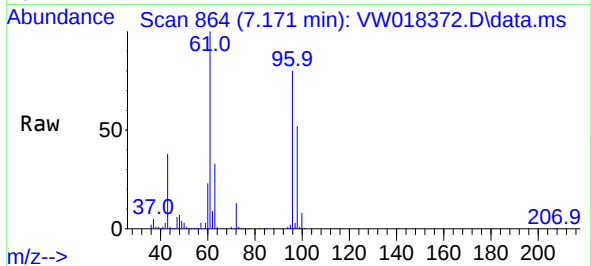


#22
 cis-1,2-Dichloroethene
 Concen: 50.62 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW018372.D
 Acq: 18 Mar 2021 16:49

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 96 Resp: 463733

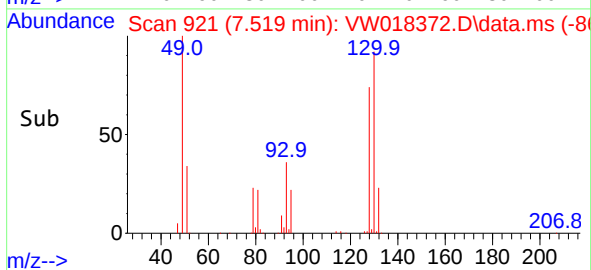
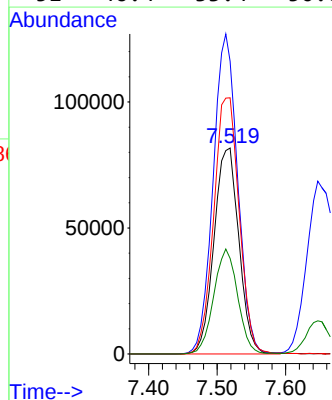
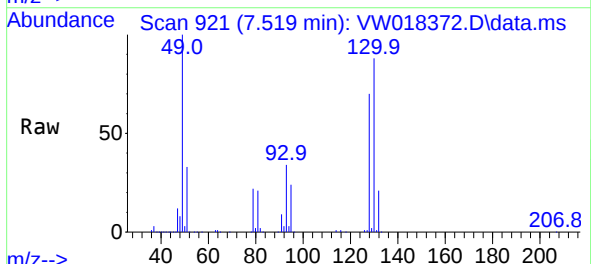
Ion	Ratio	Lower	Upper
96	100		
61	124.6	84.8	157.6
98	64.6	45.1	83.9

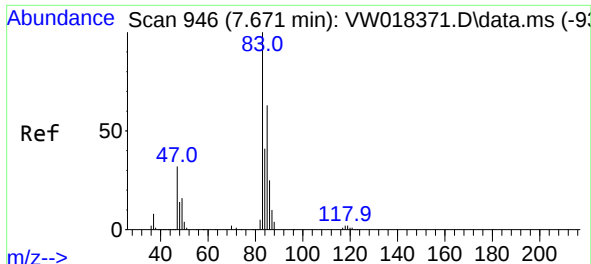


#23
 Bromochloromethane
 Concen: 50.17 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW018372.D
 Acq: 18 Mar 2021 16:49

Tgt Ion: 128 Resp: 205779

Ion	Ratio	Lower	Upper
128	100		
49	142.1	92.4	171.6
130	124.4	83.9	155.7
51	46.4	33.4	50.0

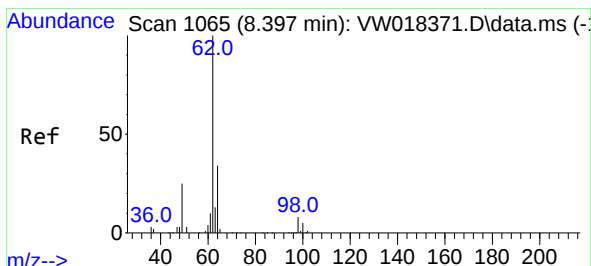
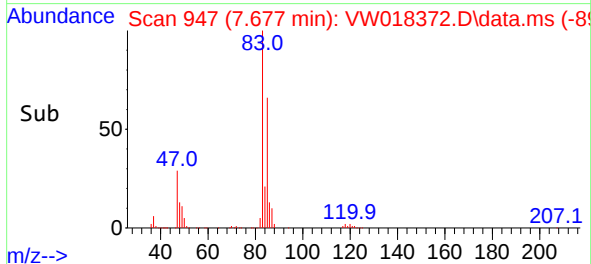
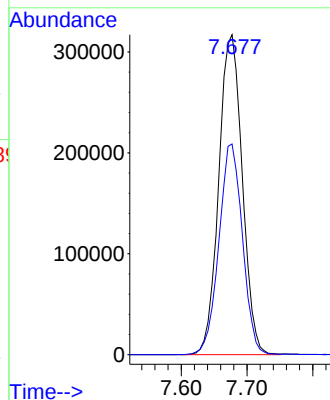
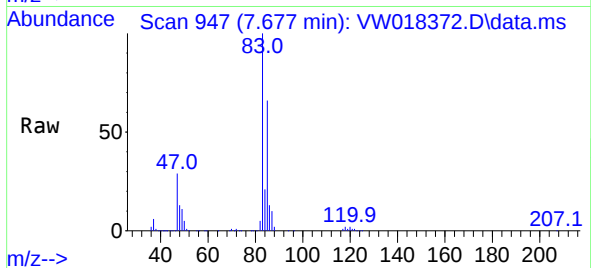




#25
Chloroform
Concen: 48.53 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

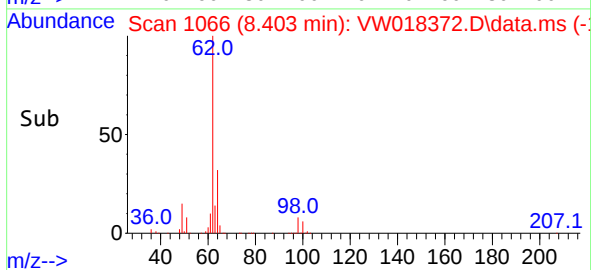
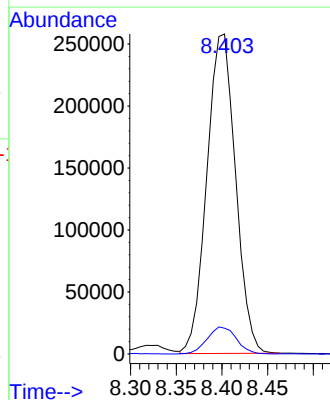
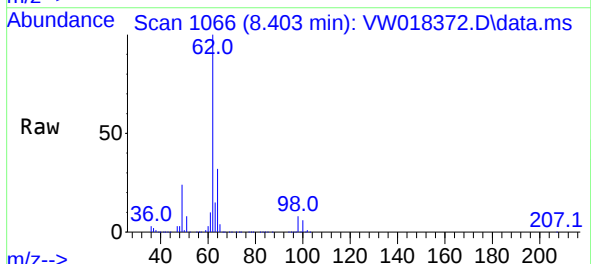
Instrument :
MSVOA_W
ClientSampled :

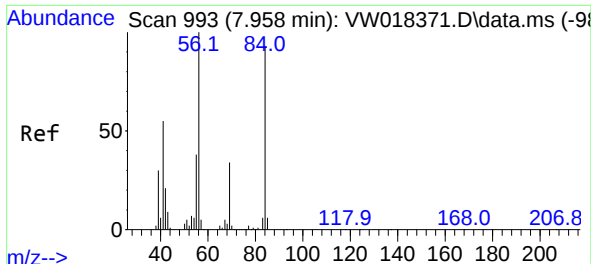
Tgt Ion: 83 Resp: 789847
Ion Ratio Lower Upper
83 100
85 65.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 50.91 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

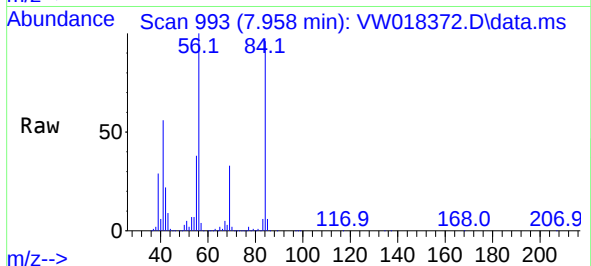
Tgt Ion: 62 Resp: 562962
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6



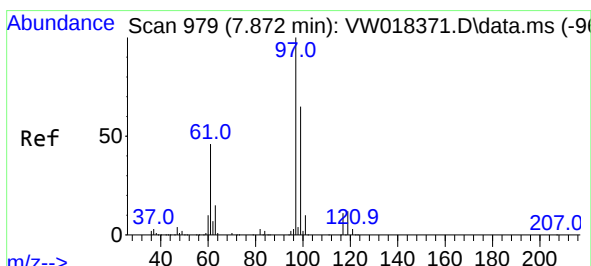
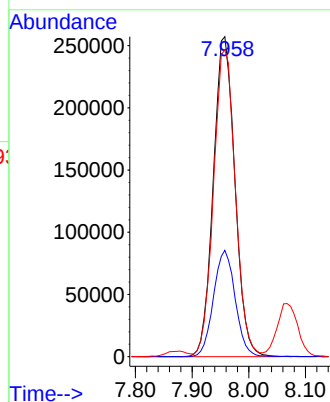
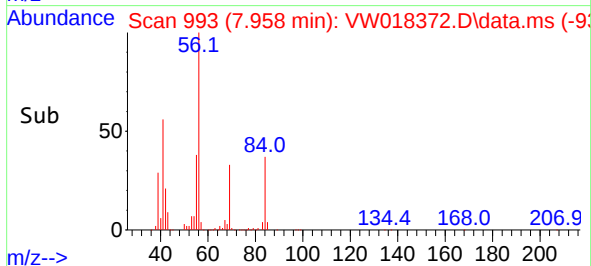


#30
Cyclohexane
Concen: 53.31 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

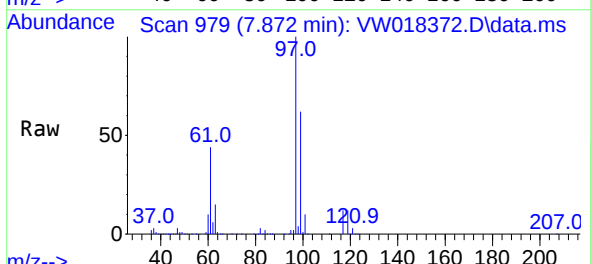
Instrument :
MSVOA_W
ClientSampled :



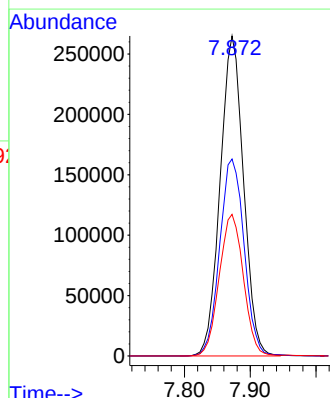
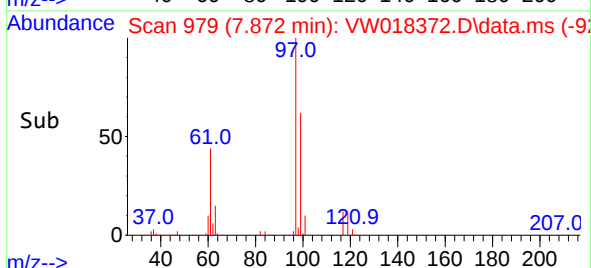
Tgt Ion: 56 Resp: 680854
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.6
84 96.9 79.9 119.9

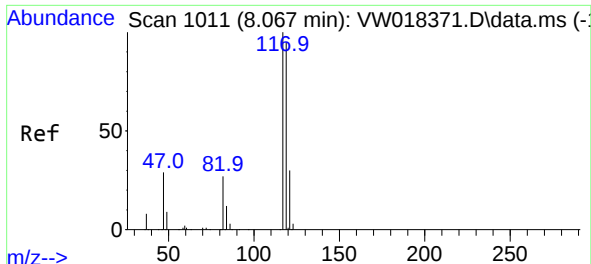


#31
1,1,1-Trichloroethane
Concen: 46.57 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49



Tgt Ion: 97 Resp: 655584
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 45.8 34.8 52.2

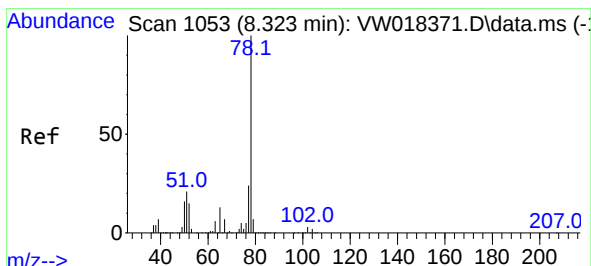
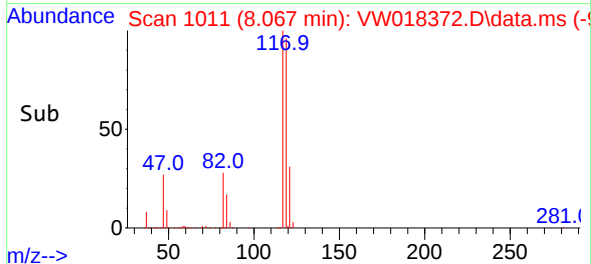
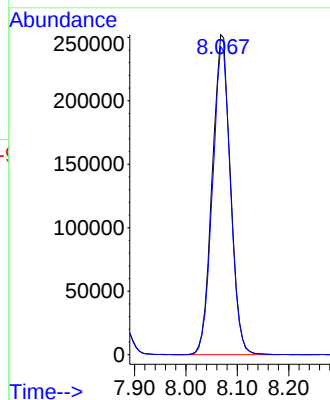
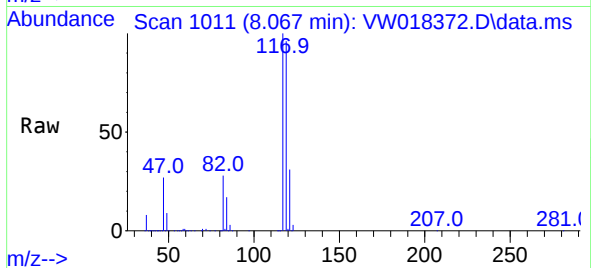




#32
Carbon tetrachloride
Concen: 45.83 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

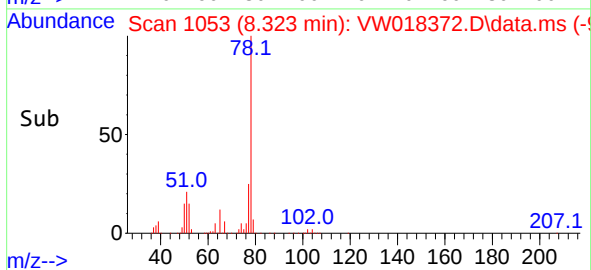
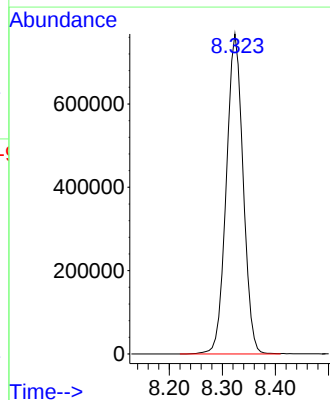
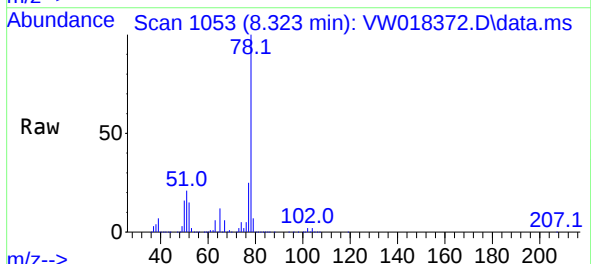
Instrument :
MSVOA_W
ClientSampled :

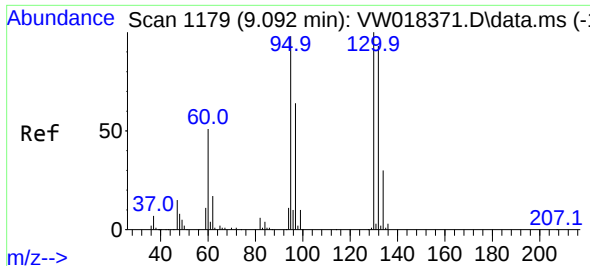
Tgt Ion:117 Resp: 620563
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#34
Benzene
Concen: 50.09 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 78 Resp: 1692047

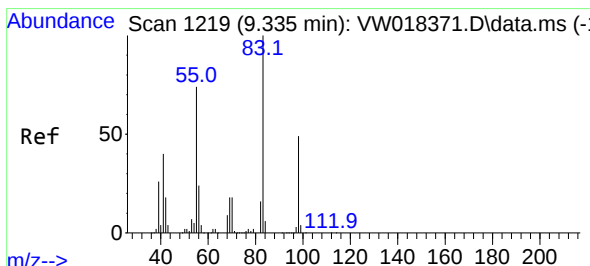
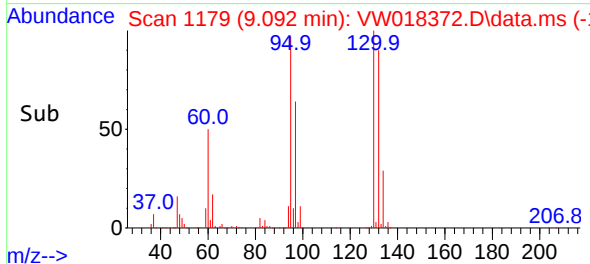
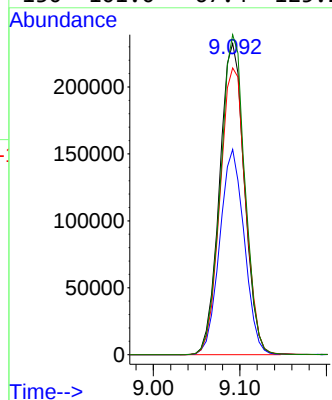
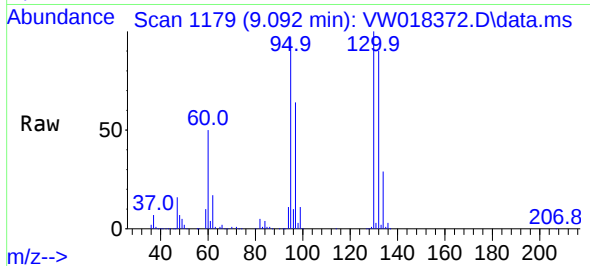




#35
Trichloroethene
Concen: 47.50 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

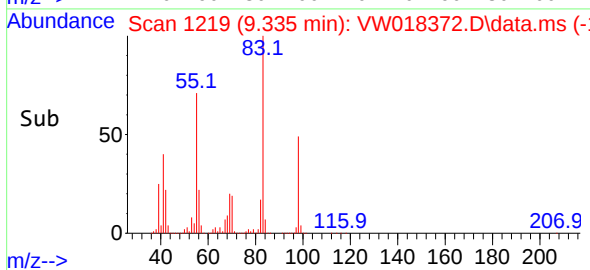
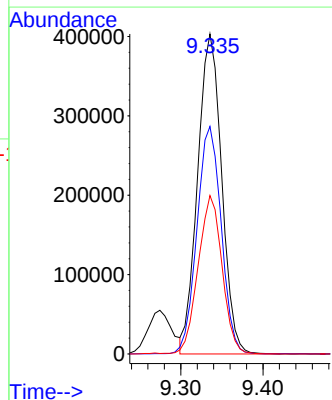
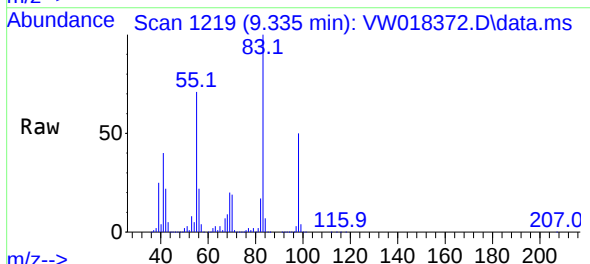
Instrument :
MSVOA_W
ClientSampled :

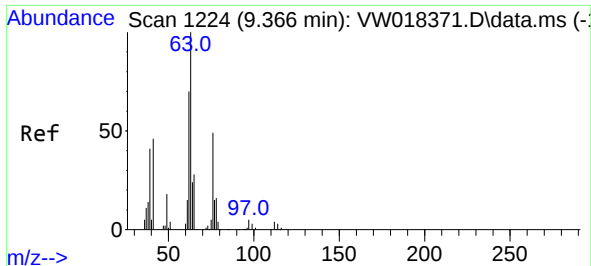
Tgt Ion: 95 Resp: 463097
Ion Ratio Lower Upper
95 100
97 65.4 44.4 82.4
132 94.2 65.9 122.5
130 101.0 67.4 125.2



#36
Methylcyclohexane
Concen: 51.45 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 83 Resp: 819293
Ion Ratio Lower Upper
83 100
55 71.7 56.8 85.2
98 49.3 40.6 61.0

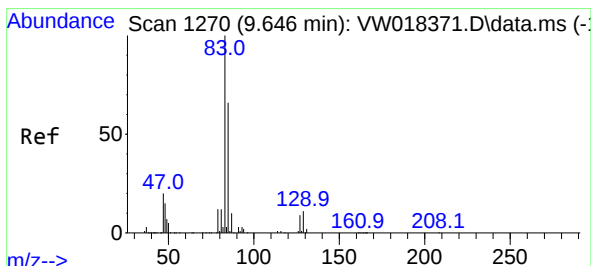
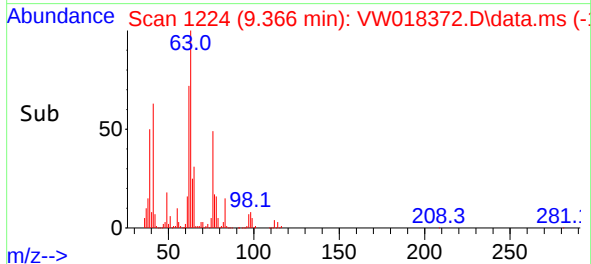
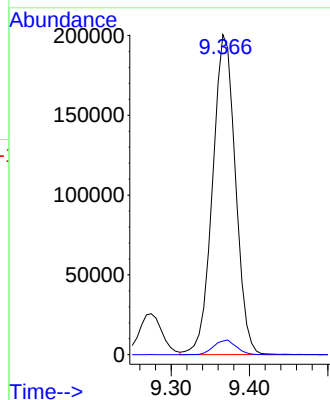
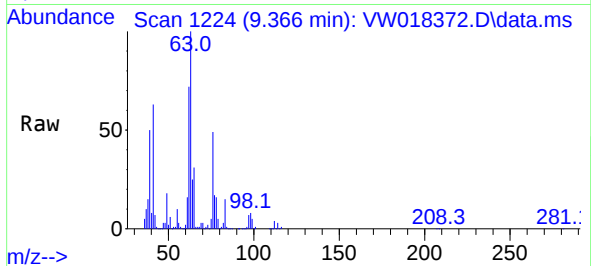




#40
1,2-Dichloropropane
Concen: 51.52 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

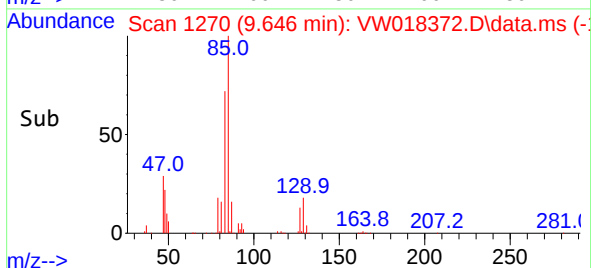
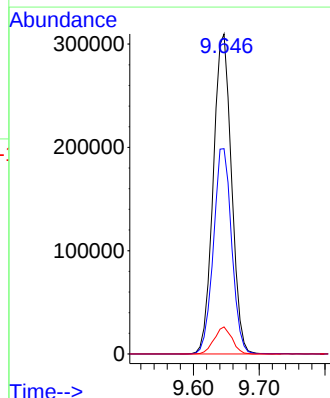
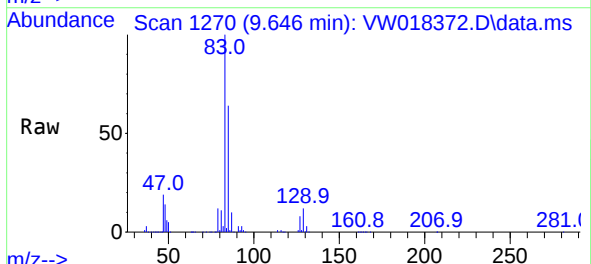
Instrument :
MSVOA_W
ClientSampled :

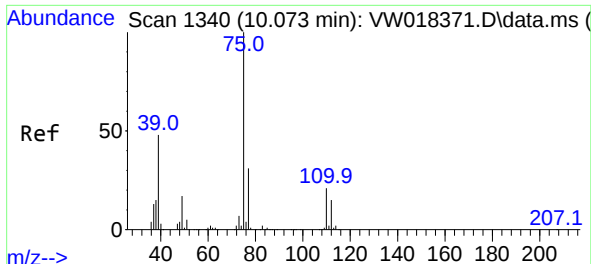
Tgt Ion: 63 Resp: 407107
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 49.27 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 83 Resp: 597225
Ion Ratio Lower Upper
83 100
85 64.2 43.8 81.4
127 8.5 6.9 10.3

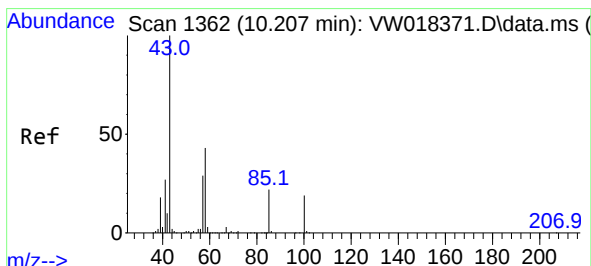
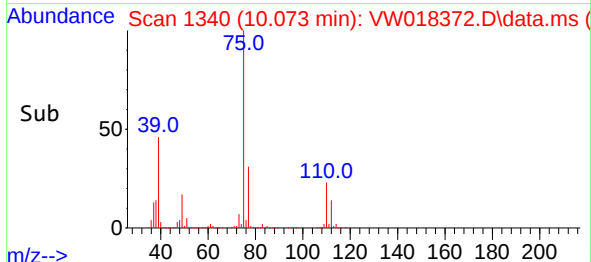
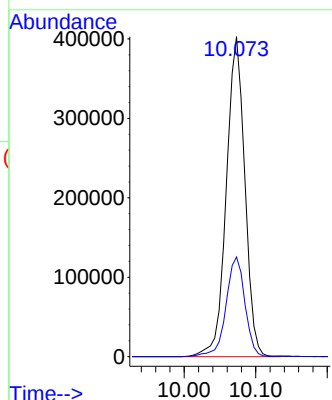
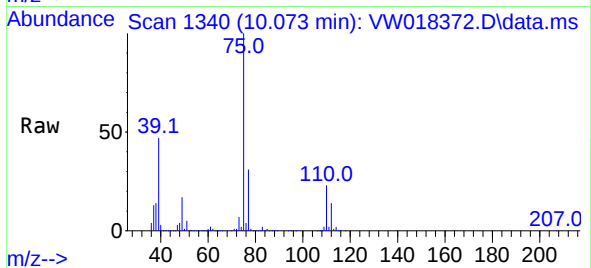




#42
cis-1,3-Dichloropropene
Concen: 54.34 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

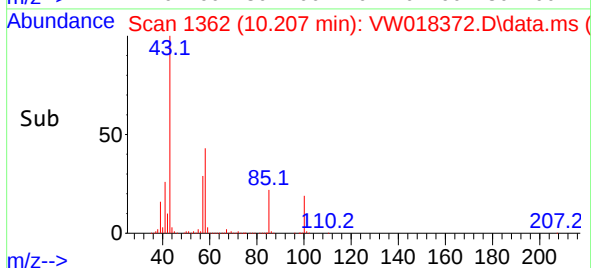
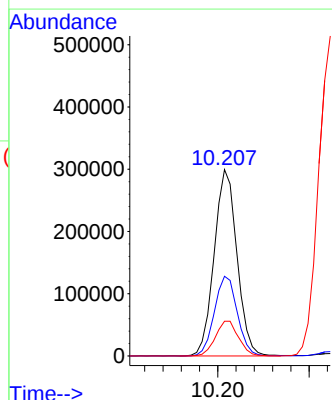
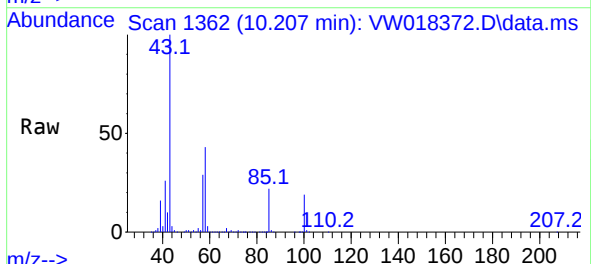
Instrument :
MSVOA_W
ClientSampled :

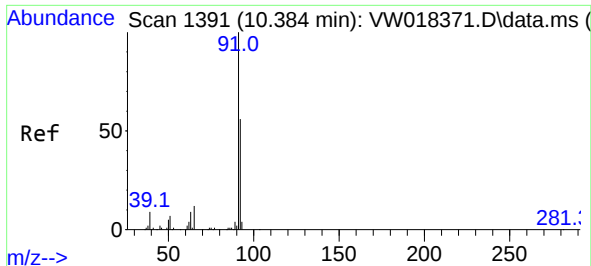
Tgt Ion: 75 Resp: 722546
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 121.44 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 43 Resp: 518256
Ion Ratio Lower Upper
43 100
58 43.0 34.8 52.2
100 19.0 15.9 23.9

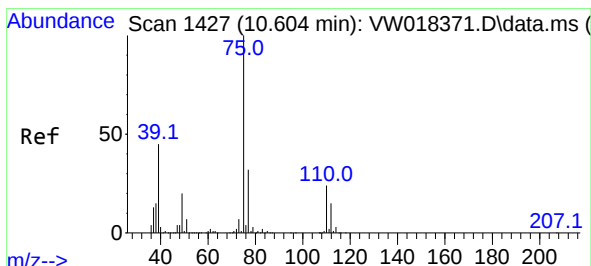
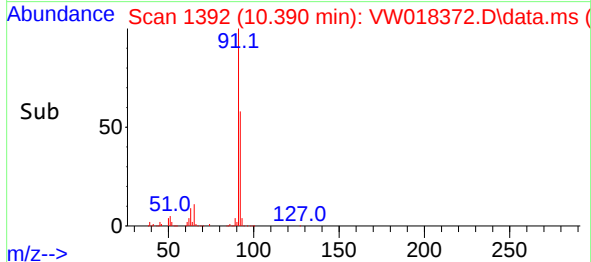
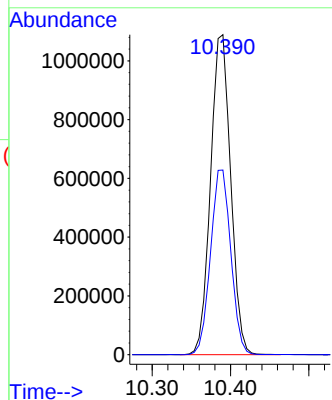
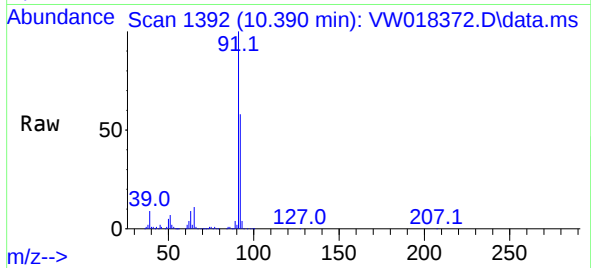




#44
Toluene
Concen: 51.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

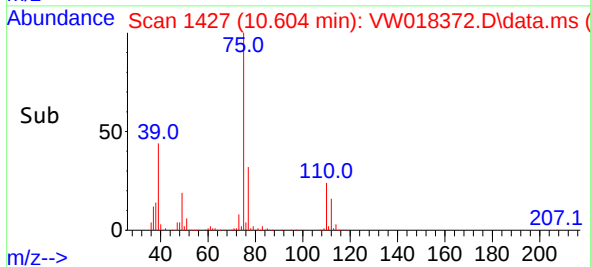
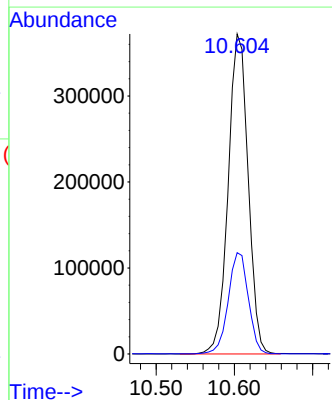
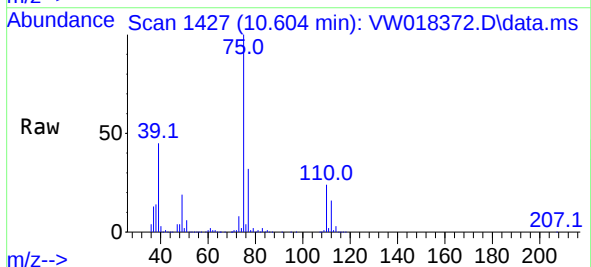
Instrument :
MSVOA_W
ClientSampled :

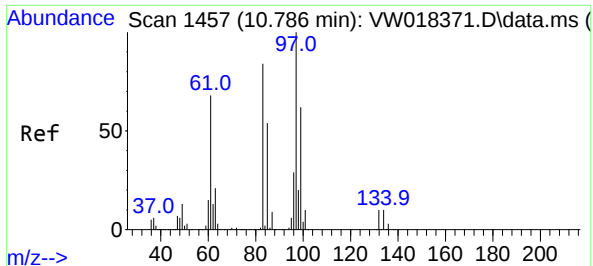
Tgt Ion: 91 Resp: 1943048
Ion Ratio Lower Upper
91 100
92 57.7 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 54.67 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 75 Resp: 656694
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



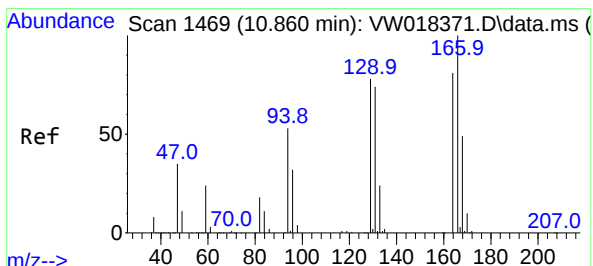
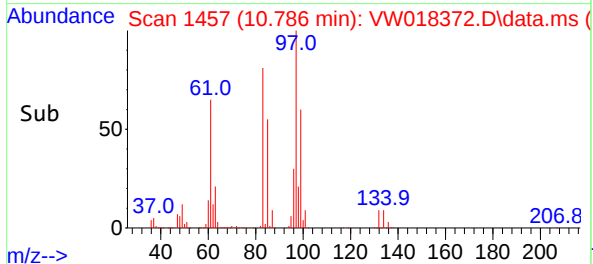
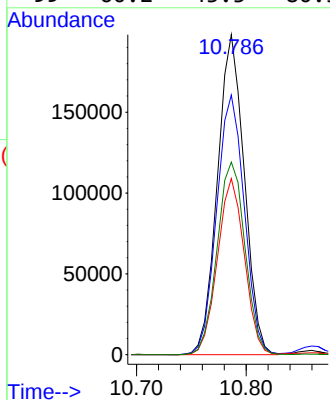
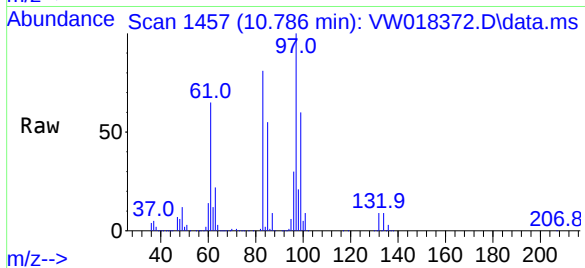


#46
1,1,2-Trichloroethane
Concen: 51.78 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 337224

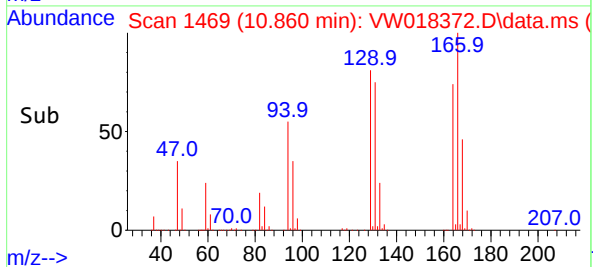
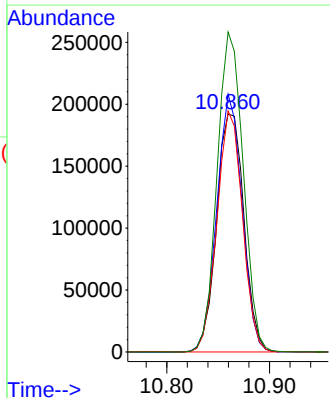
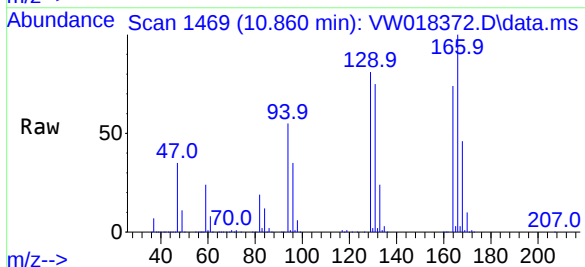
Ion	Ratio	Lower	Upper
97	100		
83	81.2	58.9	109.5
85	55.0	38.4	71.4
99	60.2	43.3	80.3

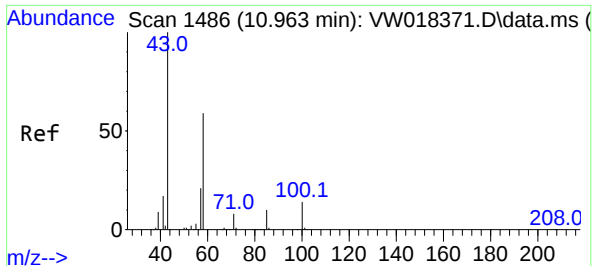


#47
Tetrachloroethene
Concen: 48.34 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 164 Resp: 353903

Ion	Ratio	Lower	Upper
164	100		
129	108.3	68.8	127.8
131	101.2	68.3	126.8
166	134.4	95.4	177.2

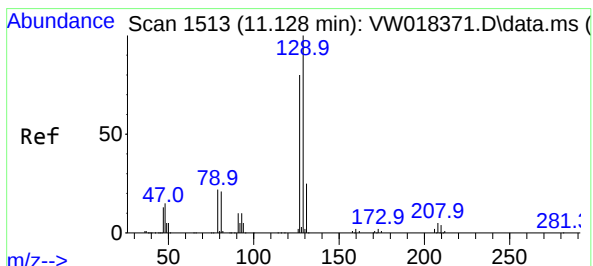
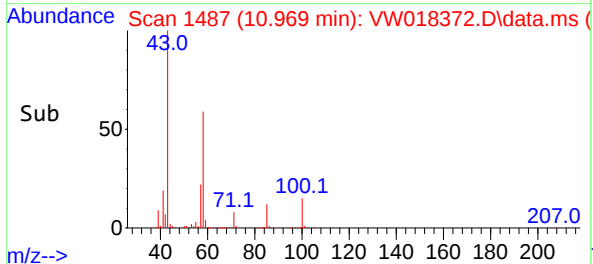
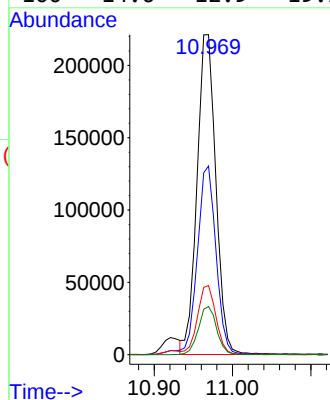
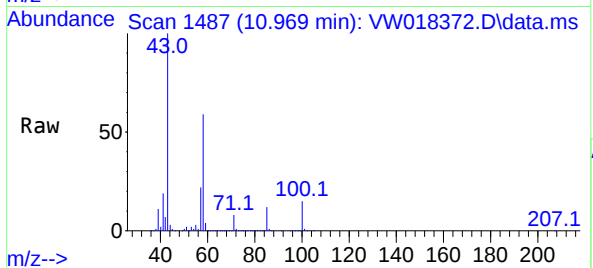




#49
2-Hexanone
Concen: 125.16 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

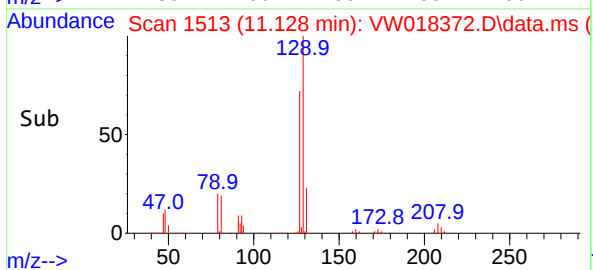
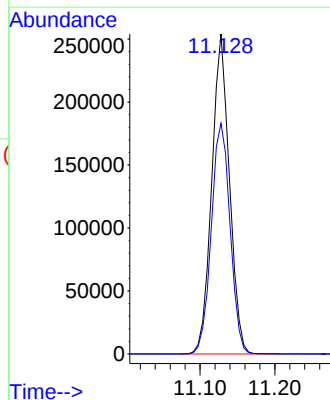
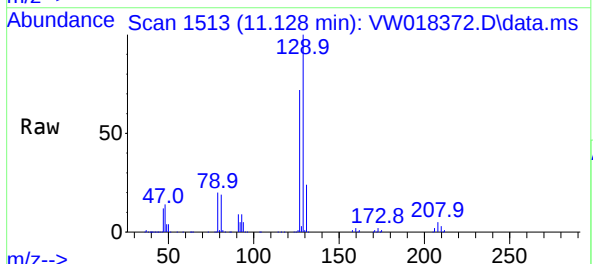
Instrument :
MSVOA_W
ClientSampled :

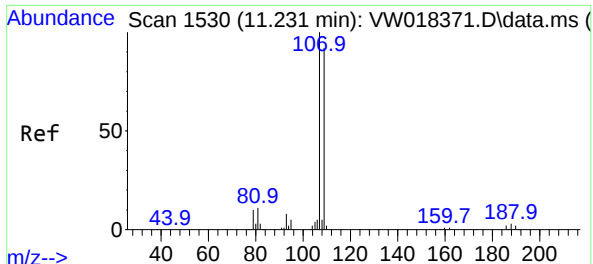
Tgt Ion: 43 Resp: 370900
Ion Ratio Lower Upper
43 100
58 57.9 47.3 70.9
57 21.3 17.3 25.9
100 14.6 12.9 19.3



#50
Dibromochloromethane
Concen: 52.87 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

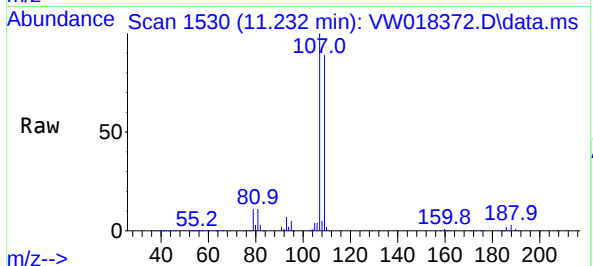
Tgt Ion:129 Resp: 416687
Ion Ratio Lower Upper
129 100
127 72.0 58.0 107.6



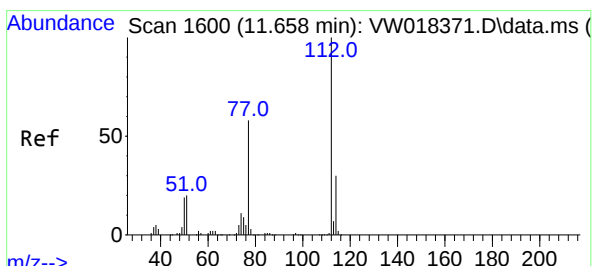
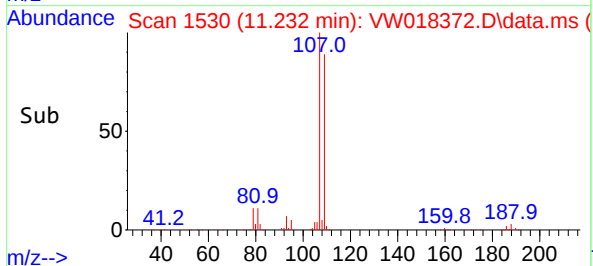
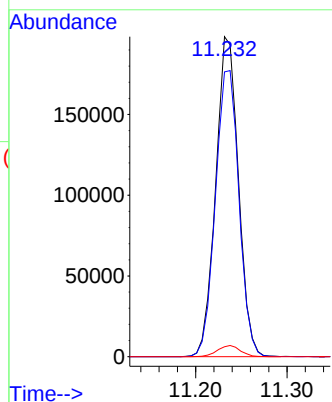


#51
1,2-Dibromoethane
Concen: 53.28 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Instrument :
MSVOA_W
ClientSampled :

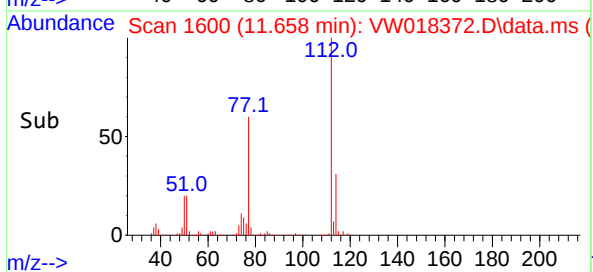
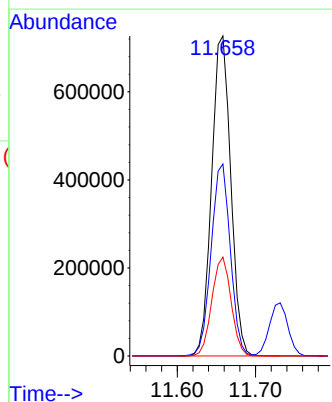
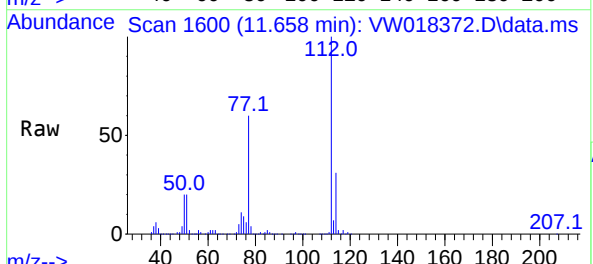


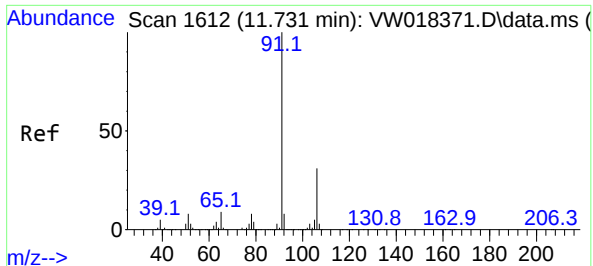
Tgt Ion:107 Resp: 342266
Ion Ratio Lower Upper
107 100
109 89.0 65.9 122.5
188 3.1 3.0 4.4



#52
Chlorobenzene
Concen: 50.46 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:112 Resp: 1234006
Ion Ratio Lower Upper
112 100
77 60.0 45.4 68.2
114 30.9 22.5 41.9

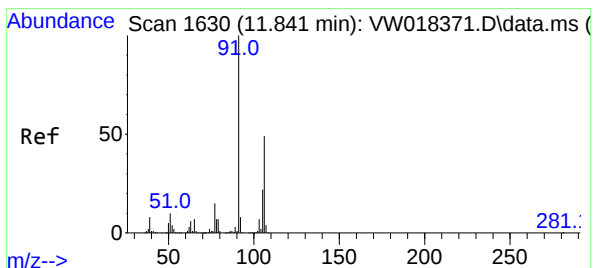
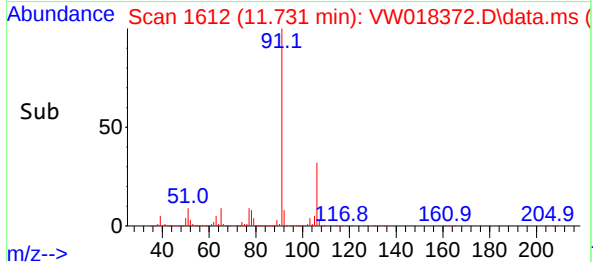
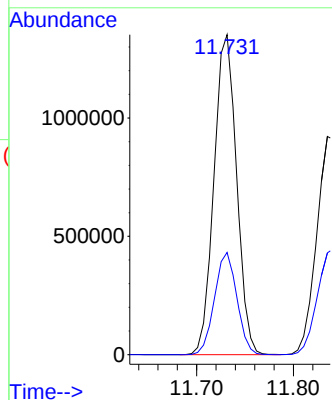
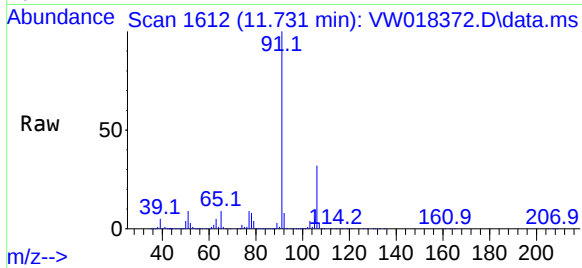




#53
Ethylbenzene
Concen: 50.91 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

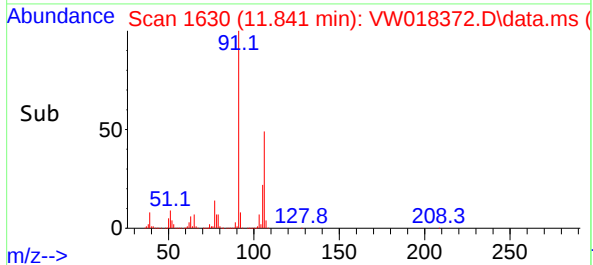
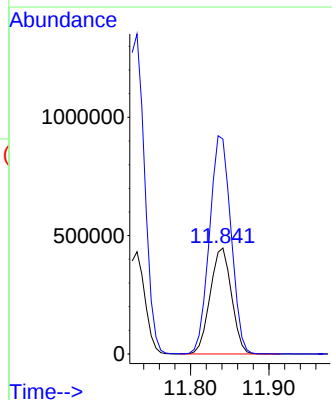
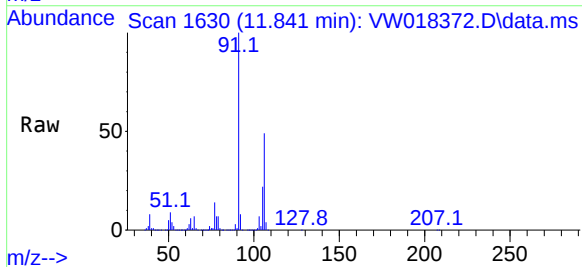
Instrument :
MSVOA_W
ClientSampled :

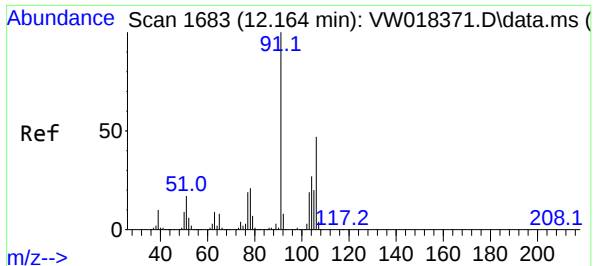
Tgt Ion: 91 Resp: 2196958
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#54
m,p-Xylene
Concen: 51.41 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:106 Resp: 845697
Ion Ratio Lower Upper
106 100
91 202.9 145.3 269.8

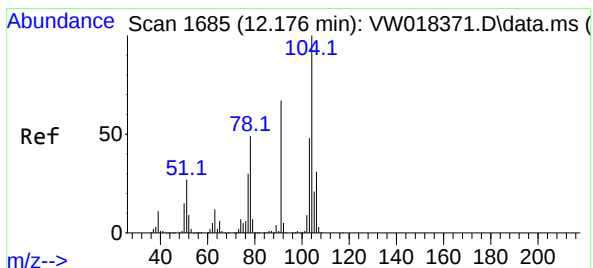
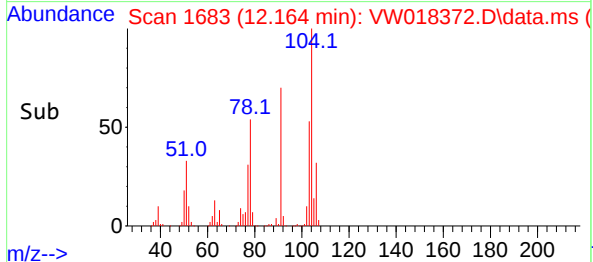
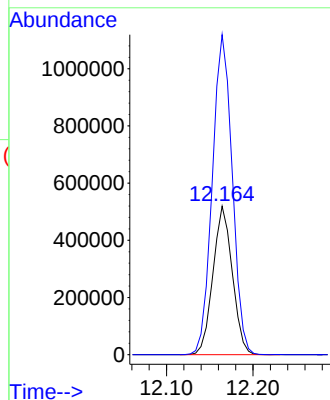
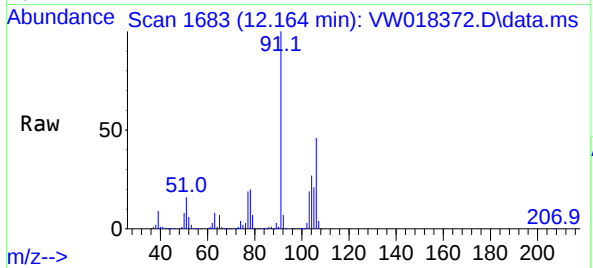




#55
o-xylene
Concen: 52.11 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

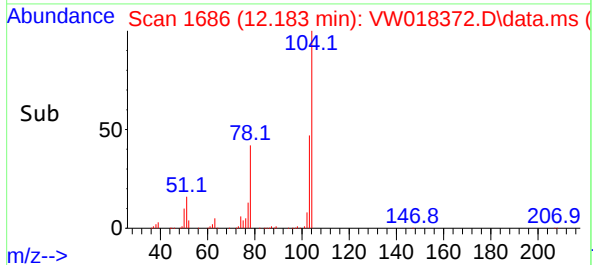
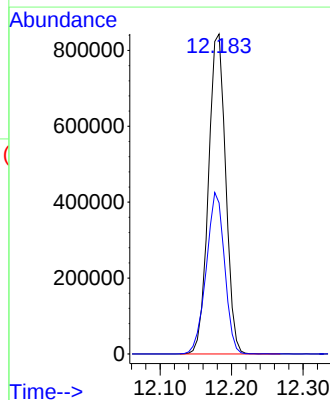
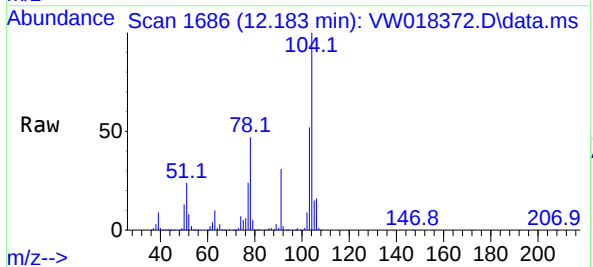
Instrument :
MSVOA_W
ClientSampled :

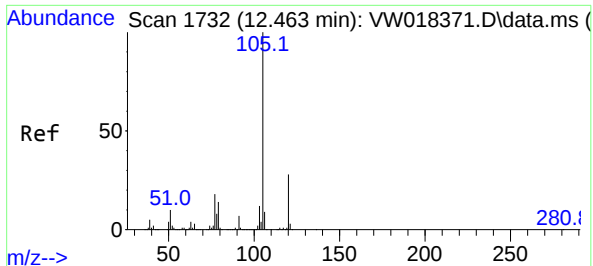
Tgt Ion:106 Resp: 805412
Ion Ratio Lower Upper
106 100
91 215.4 154.3 286.5



#56
Styrene
Concen: 53.27 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:104 Resp: 1410638
Ion Ratio Lower Upper
104 100
78 47.2 34.7 64.5

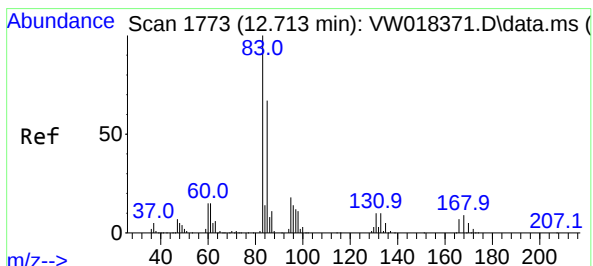
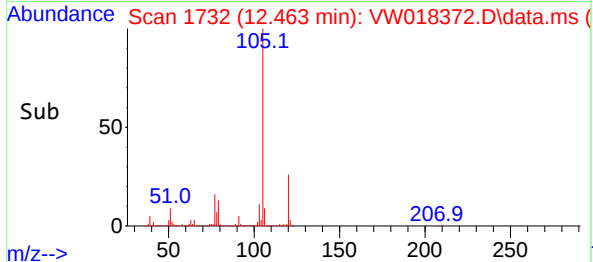
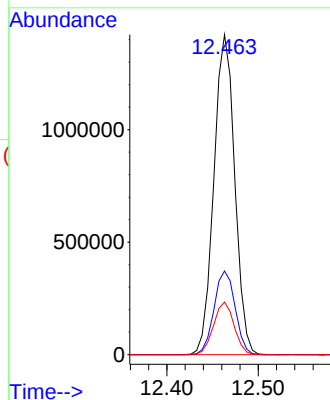
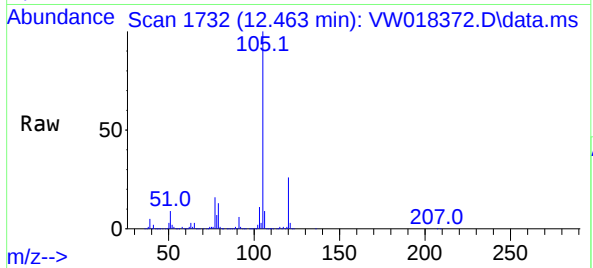




#57
Isopropylbenzene
Concen: 52.05 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

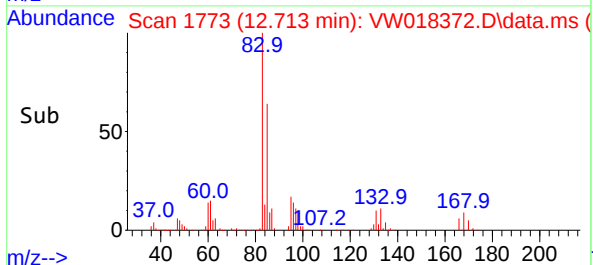
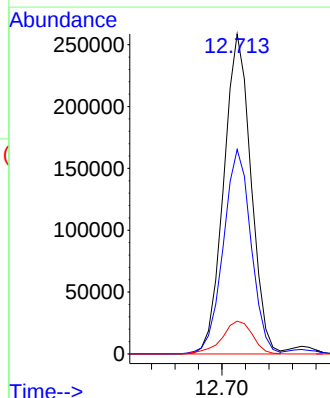
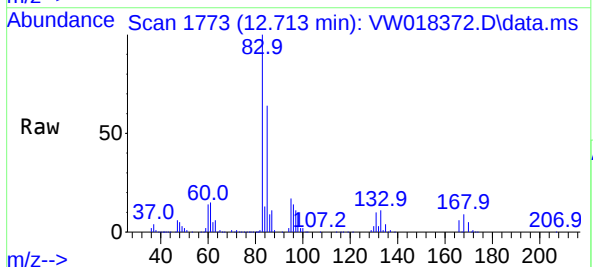
Instrument :
MSVOA_W
ClientSampled :

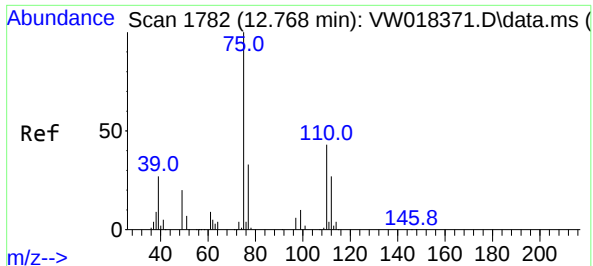
Tgt Ion:105 Resp: 2253012
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.3 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 54.64 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 83 Resp: 416353
Ion Ratio Lower Upper
83 100
85 63.9 49.0 91.0
131 10.2 8.7 13.1

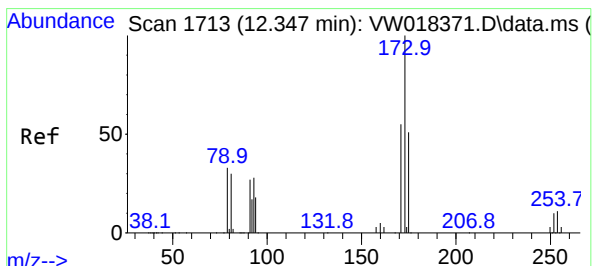
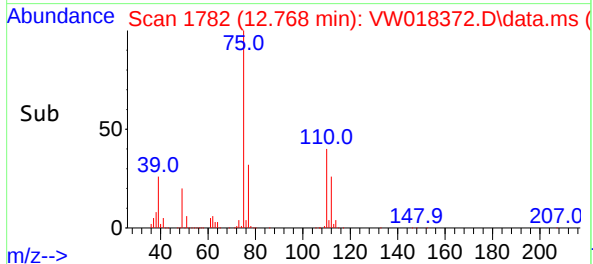
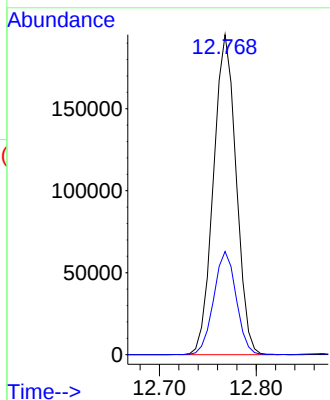
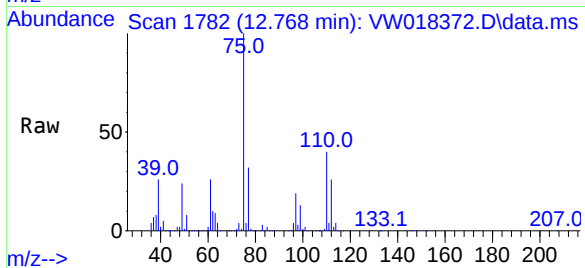




#59
1,2,3-Trichloropropane
Concen: 55.05 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

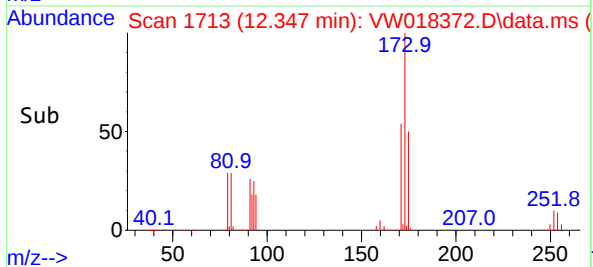
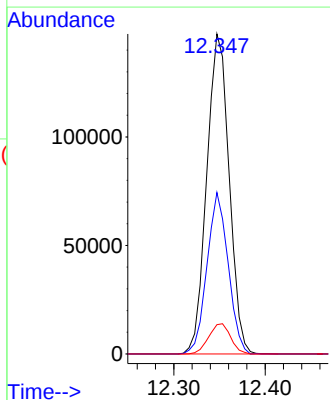
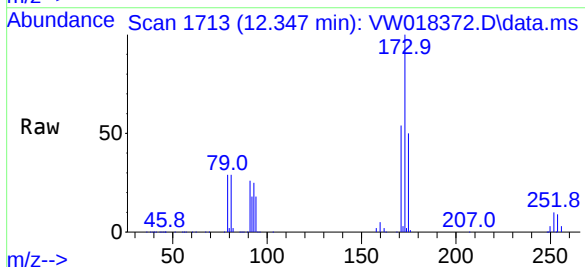
Instrument :
MSVOA_W
ClientSampled :

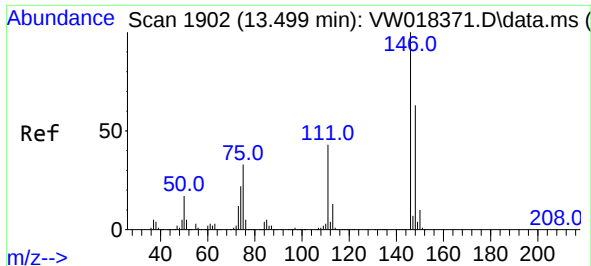
Tgt Ion: 75 Resp: 317757
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#62
Bromoform
Concen: 56.56 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 173 Resp: 250519
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 9.3 6.0 9.0#

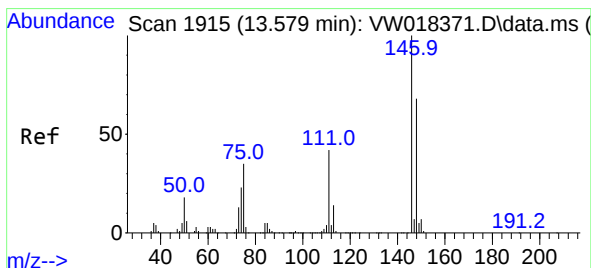
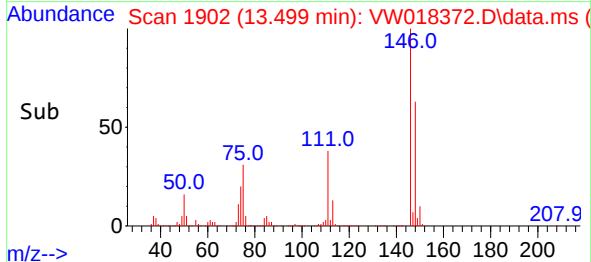
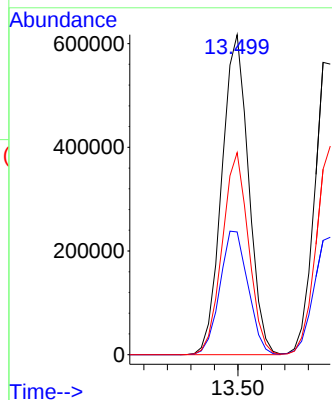
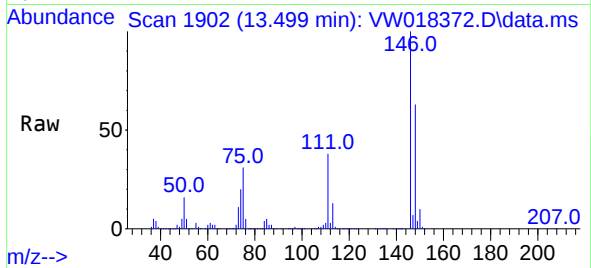




#63
1,3-Dichlorobenzene
Concen: 49.93 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

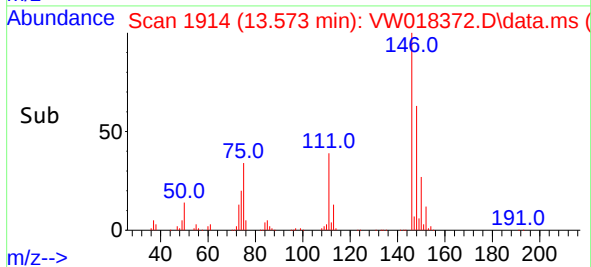
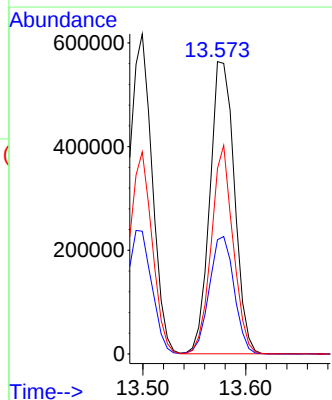
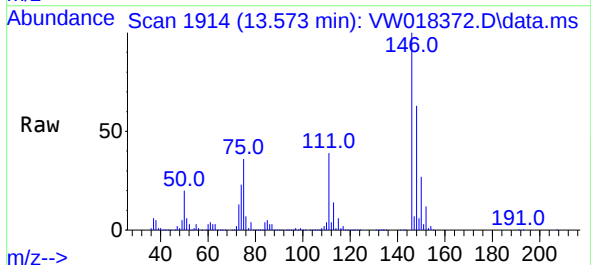
Instrument :
MSVOA_W
ClientSampled :

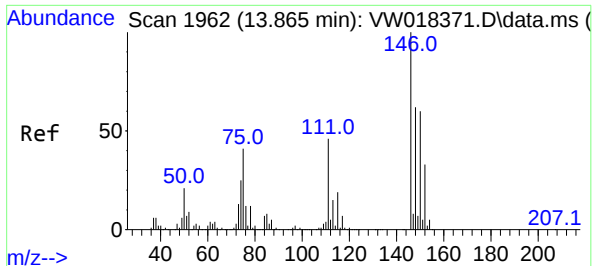
Tgt Ion:146 Resp: 975816
Ion Ratio Lower Upper
146 100
111 38.3 27.5 51.1
148 63.1 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 47.98 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:146 Resp: 935979
Ion Ratio Lower Upper
146 100
111 39.1 28.3 52.5
148 63.4 47.3 87.9

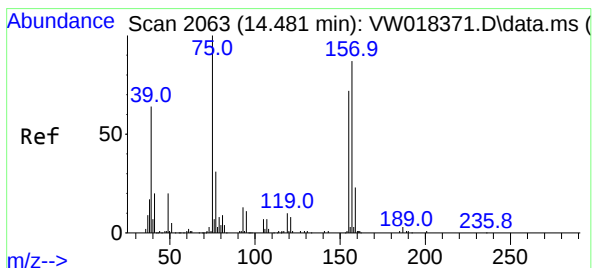
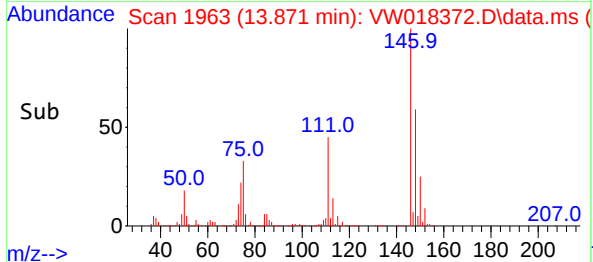
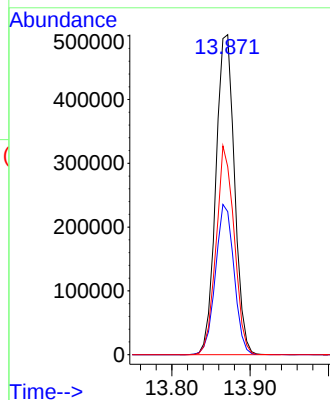
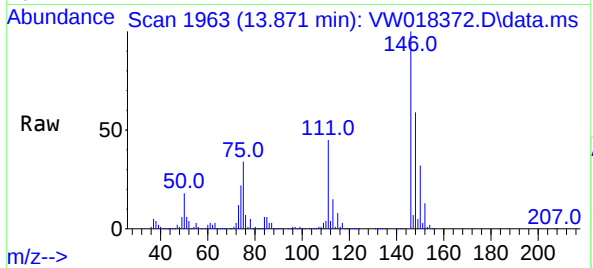




#65
1,2-Dichlorobenzene
Concen: 46.71 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

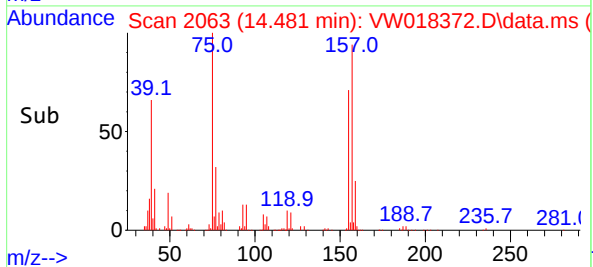
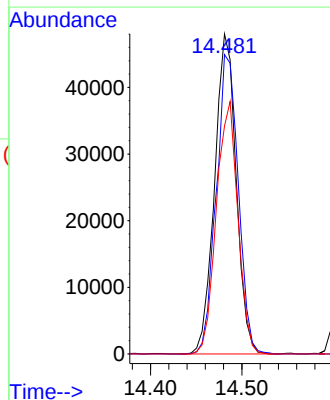
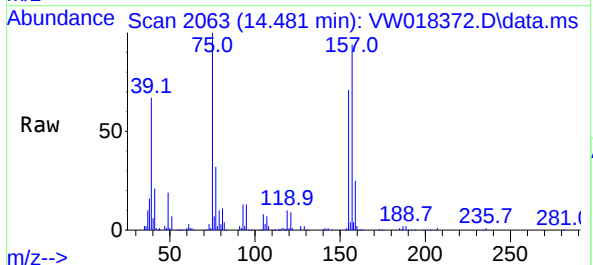
Instrument :
MSVOA_W
ClientSampled :

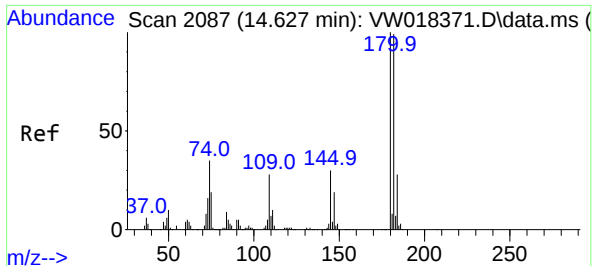
Tgt Ion:146 Resp: 830485
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 58.7 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 54.65 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion: 75 Resp: 78641
Ion Ratio Lower Upper
75 100
157 93.6 65.2 97.8
155 71.3 60.1 90.1

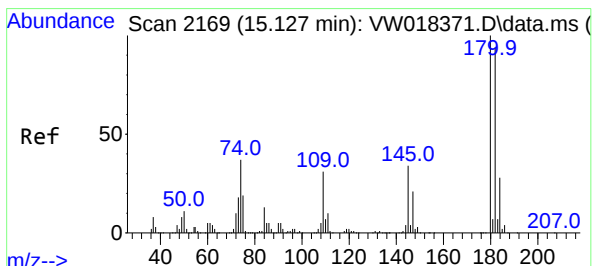
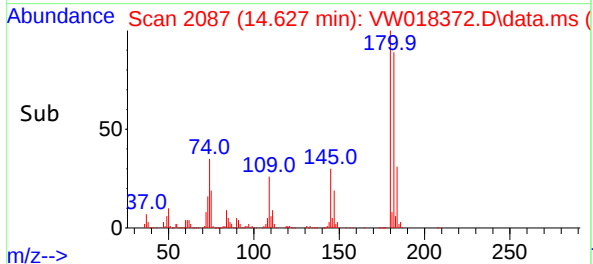
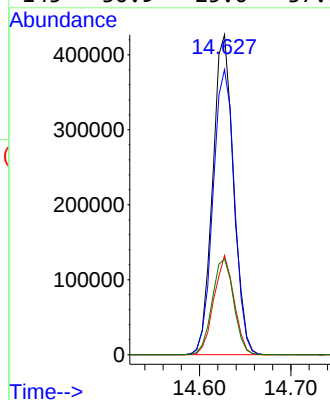
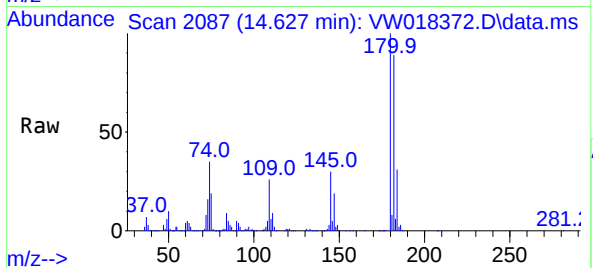




#67
1,3,5-Trichlorobenzene
Concen: 47.38 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

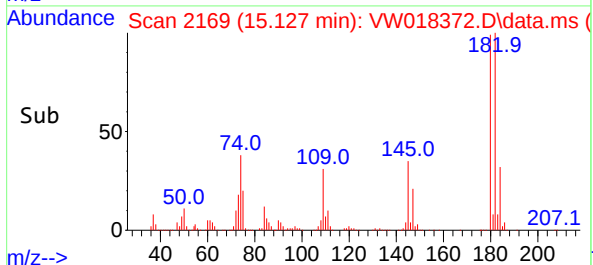
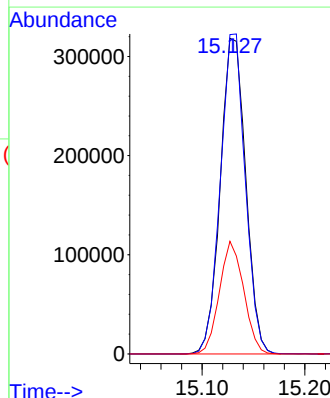
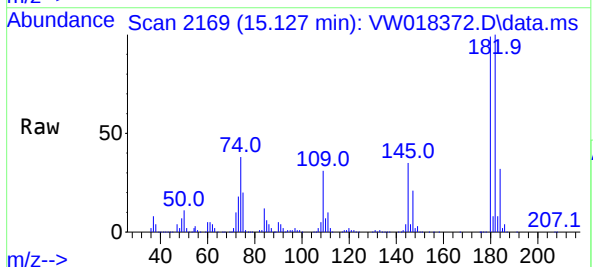
Instrument :
MSVOA_W
ClientSampled :

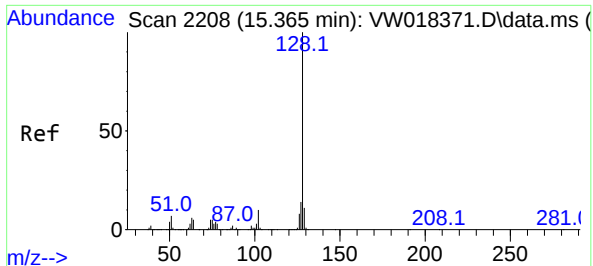
Tgt Ion:180 Resp: 674932
Ion Ratio Lower Upper
180 100
182 91.9 71.8 107.8
184 29.9 23.5 35.3
145 30.9 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 46.26 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:180 Resp: 546105
Ion Ratio Lower Upper
180 100
182 99.0 70.2 105.4
145 34.2 24.9 37.3

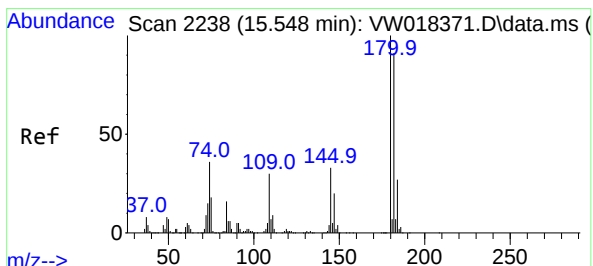
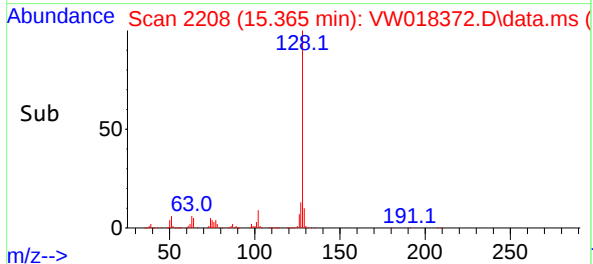
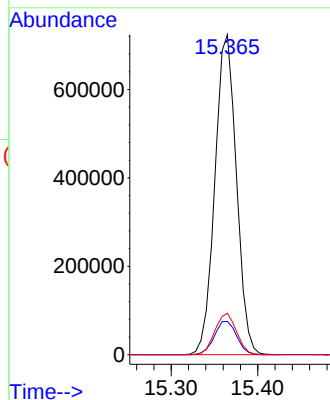
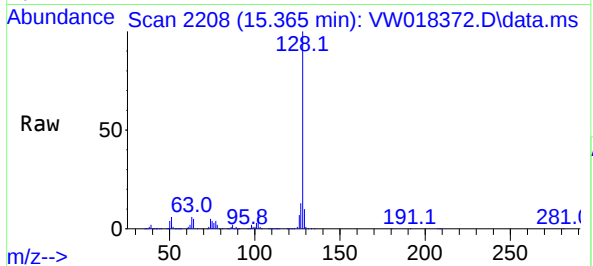




#69
Naphthalene
Concen: 52.65 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 1249251
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 48.10 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW018372.D
Acq: 18 Mar 2021 16:49

Tgt Ion:180 Resp: 499550
Ion Ratio Lower Upper
180 100
182 94.7 76.5 114.7
145 32.3 27.7 41.5

